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X-L

Brand Seeds for 1938
Graham & Ross Merc. Co., •

6th St., 1st Ave. S.
Great Falls



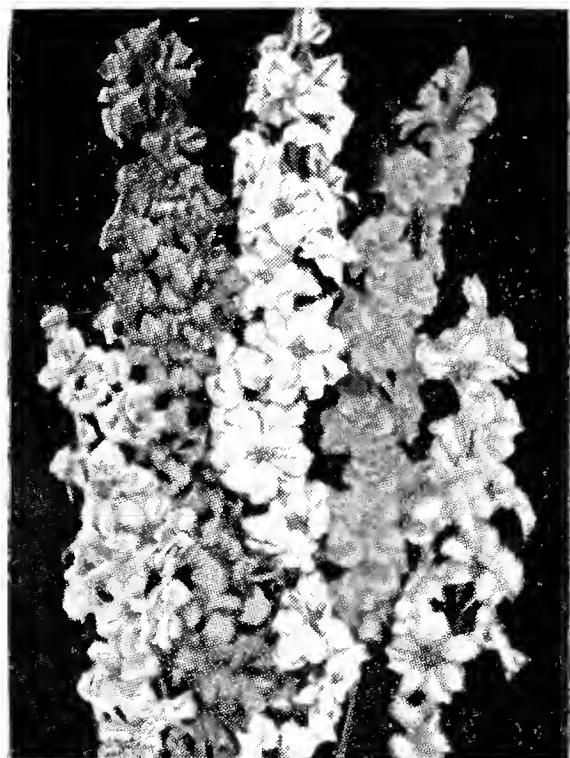
337—*Salmon Supreme Petunia*
All-America Selections—Award of Merit



356—*X-L Improved Salpiglossis*



359—*X-L Rust-Resistant Snapdragon*



303—*X-L Giant Annual Larkspur*



357—*X-L Annual Scabiosa*



349—*Iceland Poppies*
X-L Fakenham Hybrids



381—*X-L Sweet William*



New Spencer Sweet Pea—
410—*X-L Jumbo*



275—*X-L Four O'Clocks*



2001—*Regal Lily*

X-L Salad Bowl Collection

(Shown on Front Cover)

These vegetables are easy to raise and will provide you with crisp salads all summer long. The varieties listed here really prove that your garden is the best refrigerator, and that to enjoy vegetables at their best they must be pulled fresh just before you use them.

1 pkg. Broccoli—Italian Green Sprouting, 10c pkt.	1 pkg. Onions—Yellow Sweet Spanish, pkt. 5c.
1 pkg. Cauliflower—Early Snowball, 10c pkt.	1 pkg. Onions—Silver Skin, pkt. 5c.
1 pkg. Egg Plant—Improved Black Beauty, 10c pkt.	1 pkg. Peas—Laxtonian, pkt. 5c.
1 pkg. Carrot—Danvers Half Long, 5c pkt.	1 pkg. Pepper—California Wonder, pkt. 10c.
1 pkg. Cabbage—Golden Acre, pkt. 5c.	1 pkg. Radish—Early Scarlet Globe Select, pkt. 5c.
1 pkg. Cabbage—Red Rock, pkt. 5c.	1 pkg. Leek—London Flag, pkt. 5c.
1 pkg. Celery—Giant Pascal, pkt. 10c.	1 pkg. Tomatoes—Penn State, pkt. 15c.
1 pkg. Chinese Celery, pkt. 5c.	1 pkg. Turnip—Purple Top White Globe, pkt. 5c.
1 pkg. Lettuce—New York, pkt. 5c.	

Regular Price \$1.20

Special Collection Price 79c - Postpaid

Parcel Post Rates

Zone	Distance up to	For First Pound	Each Pound Additional
1st and 2nd	150 miles	8c	1c
3rd	150- 300 miles	9c	2c
4th	300- 600 miles	10c	4c
5th	600-1,000 miles	11c	6c
6th	1,000-1,400 miles	12c	7c
7th	1,400-1,800 miles	14c	9c
8th	over 1,800 miles	15c	11c

In estimating parcel post charges be sure to make allowance for packing. A fraction of a pound takes full pound rate.

NON-WARRANTY NOTICE IN COMMON WITH ALL AMERICAN SEED HOUSES

GRAHAM & ROSS MERCANTILE COMPANY do not give and their agents are expressly forbidden to give any warranty expressed or implied as to the contents or the description, quality, productiveness or any other matter of any Seeds, Bulbs, Plants, Shrubs, Trees or Vines sold by us, and will not, in any way, be responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. Subject to the above conditions, we make this sale!

Reports—Good or Bad. Will you help us to attain greater success by writing and telling us how our Seeds and Supplies reach you; how they grow and **how you like them!** We will certainly appreciate it. Your criticisms, if you have any, as well as your praises, are desired.

Order Early. Kindly send in your order early; in the rush season of March and April there are unavoidable delays. Late buying is trying to you and more difficult to our over-busy staff. Perishable goods are sent at a suitable planting time.

Postage Prepaid. Unless otherwise stated, we pay postage on all seeds and bulbs quoted in this catalog. On orders of larger quantity at "not prepaid" prices stated in such cases it will be necessary for you to send postage extra if you want it by parcel post, but if it is to be sent by freight or express, you can pay the transportation charges at your freight or express office when you receive the goods.

Keep a Copy of Your Order. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notices sent.

Errors. Yes, we make them, in spite of all care. Write us at once in full that we may make the adjustment to your entire satisfaction. Keep a copy of your order and use our printed order blank. Additional order sheets sent on request.

All prices in this catalog are subject to change without notice.

To Enjoy VEGETABLES at Their BEST Grow Them in Your Own Garden

Then You Can Eat Crisp Fresh Vegetables That Are Full Flavored

Asparagus

1 oz. to 50 ft. of drill

This delicious vegetable is much easier to raise than most people think. When grown from seed the roots should be left for two years before cutting.

1—MARY WASHINGTON

Large green shoots of fine flavor. An early and vigorous grower. Rust resistant. Pkt., 10c; oz., 20c.

**All Prices Are Postpaid Unless
Otherwise Specified**

1A—ASPARAGUS ROOTS

Available from March 20th to April 10th. Doz., 40c; 50 roots, \$1.25; 100 roots, \$2.25 postpaid. Not postpaid, 50 roots, \$1.00; 100 roots, \$1.85. Please order asparagus roots early.

Stringless Beans Until Frost

1 lb. per 100 feet

Plant several rows every 10 days beginning about May 20 until July 15. This will let you enjoy tender snap beans for table and canning all summer—and remember the younger the beans are picked the better they will taste. Montana grown seed beans are recognized as practically disease free.

2—X-L STRINGLESS WAX

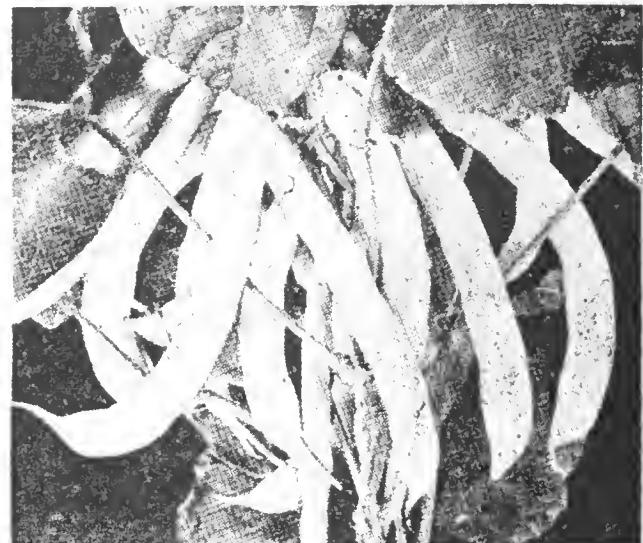
(Our Best Yellow Bean. Pictured on Inside Back Cover)

Ideal for canning. A new stringless wax bean so crisp and of such good flavor that many people eat them raw right out of the garden. Pods are about six inches long; rich yellow color, and ready to pick in a little less than two months. We recommend this as our best yellow bean. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 40c postpaid. Not postpaid, 5 lbs., \$1.30.



X-L Stringless
Wax Raised by
Nick Poncelet
Route No. 1

4—PENCIL
POD
BLACK
WAX



Very popular because they remain tender a long time after picking. Dwarf bushes, black seeds, yellow pods. Very early and an exceptionally high producer. Pods are about six inches long, always stringless, tender and brittle. Pkt., 5c; $\frac{1}{4}$ lb., 12c; 1 lb., 32c postpaid. Not postpaid, 5 lbs., 95c.

5—GREEN BEANS X-L Green Stringless

The best known of the green pod bush beans. Pods are about six inches long, slightly curved, meaty and bushy. Good flavor. Seeds are dark brown color. Pkt., 5c; $\frac{1}{4}$ lb., 12c; 1 lb., 32c postpaid. Not postpaid, 5 lbs., 95c.

6—BOUNTIFUL

Crisp, flat, green pods. Very early and a heavy yielder. Pods are straight and favored by many for canning. Pkt., 5c; $\frac{1}{4}$ lb., 12c; 1 lb., 32c. Not postpaid, 5 lbs., 95c.

7—POLE BEANS Kentucky Wonder (Green)

Without a doubt the best pole bean for Montana. Is very early for this type and will produce over a long season if vines are kept picked. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 35c postpaid.

3—IMPROVED GOLDEN WAX

Our X-L strain is rust resistant, bearing a heavy crop on vines of vigorous bushy growth. Pods are golden yellow, fleshy and solid. Excellent flavor. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 32c postpaid. Not postpaid, 5 lbs., 95c.

Stringless Beans are best for "Snaps"

8—BUSH LIMA

A small lima adapted to our climate. Plants are medium. Pods are four to five inches long and of good flavor. This variety is very productive. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 40c postpaid.

9—NAVY BEANS**Great Northern**

Known by everyone as the best type to provide dry beans for baking and cooking. A few rows will supply the average family for the entire year. $\frac{1}{4}$ lb., 10c; 1 lb., 20c postpaid. Not postpaid, 5 lbs., 60c.

10—SMALL NAVY

Very similar in shape and characteristics as Great Northern but about one-third smaller. $\frac{1}{4}$ lb., 10c; 1 lb., 25c postpaid. Not postpaid, 5 lbs., 75c.

TENDER BEETS For Canning

Be sure you plant your beets at intervals of two or three weeks until July. This will assure you of plenty of small, tender roots for table use and canning, and will also furnish an abundance of greens. Roots from the late planting should be stored for winter use.



11—DETROIT DARK RED BEETS

We consider this the best of all the table beets. Roots are uniform in size and globe shape. Color deep, rich red. Very tender and delicious for canning. Pkt., 5c; 1 oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.10 postpaid.

12—EARLY WONDER

Top small. Root flattened globe shape; dark purplish red. Very early. Pkt., 5c; 1 oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.10 postpaid.

13—X-L EARLY EGYPTIAN

This beet has a strong top that permits bunching. Roots are round with flattened top. Flesh not quite as dark as Detroit, but very tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.10 postpaid.

14—EARLY BLOOD TURNIP

An old favorite for general crop. Pkt., 5c; 1 oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.10.

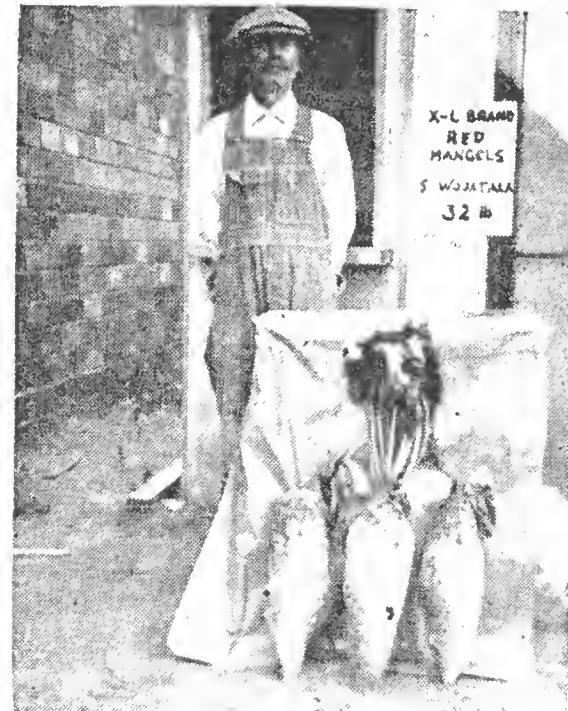
Mangels and Stock Beets

Every farm should raise some for feeding chickens and cows. Sow 5 lbs. to an acre.

15—X-L MAMMOTH LONG RED

High Feeding Value and Exceptional Quality

The most popular feeding mangel. Very heavy yielding with at least one-third of the root above ground, which makes harvesting easy. Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c prepaid. Not prepaid, 5 lbs., \$2.40.



X-L Mammoth Long Red Mangel Beets raised by S. Wojatala, Great Falls, Mont. These three beets which were of average size weighed 32 pounds.

16—GOLDEN TANKARD

Roots large, thick, oval. Heavy yielder. Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c prepaid. Not prepaid, 5 lbs., \$2.40.

17—HALF SUGAR MANGEL

Roots long, oval, tapered, white with rose colored shoulders. Contains more sugar and food value than the larger type mangels. Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c prepaid. Not prepaid, 5 lbs., \$2.40.

SUGAR BEETS**18—KLEIN WANZLEBEN**

Very large and a valuable root for feeding. While the roots are not as large as the genuine mangels, the increased sugar content makes them higher in feed value. Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c prepaid. Not prepaid, 5 lbs., \$2.40.

SWISS CHARD

The Best Beet to Use for Greens

19—LUCULLUS

Leaves are dark green and crumpled. Flavor delicious. Mid-ribs and stocks should be cooked separately in the same manner as asparagus. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 95c postpaid.

BRUSSELS SPROUTS

These plants, which are miniature cabbages formed on a plant stalk, are becoming more popular each year as more people become familiar with them. Culture is the same as cabbage. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

21—X-L LONG ISLAND IMPROVED

Is best adapted to our conditions. Pkt., 10c; oz., 25c.

20—BROCCOLI

Pictured on Front Cover

Italian Green Sprouting. Pkt., 10c; $\frac{1}{2}$ oz., 20c.

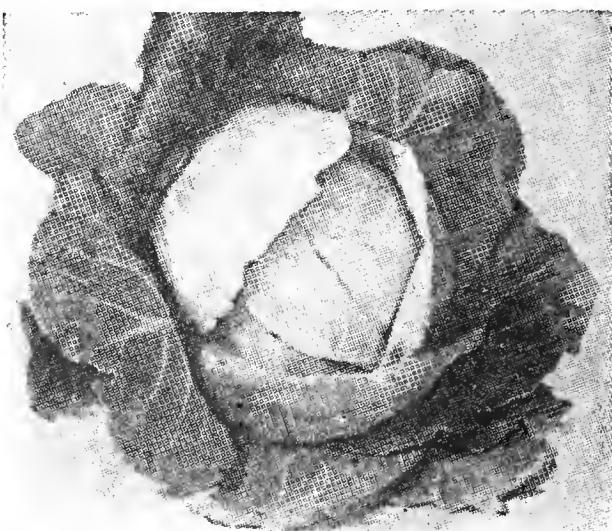
Reduce your Grocery bill with home canned
Vegetables.

CABBAGE

(Early Varieties)

22—GOLDEN ACRE (Shown on Cover)

The earliest of all cabbage. Heads are round, quite small, very firm with crisp leaves that have very white mid-ribs, thus making it valuable for summer salads, etc. Regular pkt., 5c; jumbo pkt., 10c; oz., 30c; $\frac{1}{4}$ oz., 95c; 1 lb., \$3.25.



23—EARLY JERSEY WAKEFIELD

The earliest and best known in pointed head varieties. Medium size, very compact, and can be set close together in the field. Pkt., 5c; jumbo pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; 1 lb., \$2.00.

24—EARLY WINNIGSTADT

Larger and slightly later than Early Jersey Wakefield. Pkt., 5c; oz., 20c.

25—COPENHAGEN MARKET

A medium-early cabbage so well known and popular to every garden grower. Uniform, round head. About 7 inches in diameter. Very desirable for all purposes. Pkt., 5c; jumbo pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.

26—GLORY OF ENKHUIZEN

A good selection for main crop cabbage in the home garden. Pkt., 5c; oz., 20c.

27—EARLY FLAT DUTCH

A large early flat head variety, short stemmed. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

(Late Varieties)

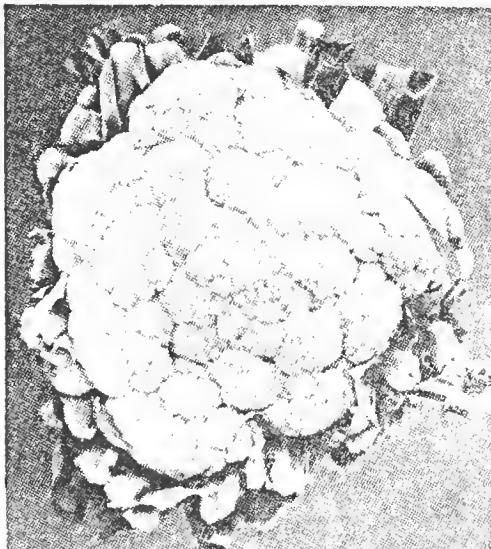
28—DANISH BALLHEAD

Short stemmed. Identical with Hollander. Has an extremely solid head. Unexcelled for keeping qualities. Exceptionally heavy yielder. Recognized as the best cabbage for winter. Pkt., 5c; jumbo size pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.

29—PREMIUM LATE FLAT DUTCH

An old favorite for the winter supply. Extra large flat head. Very solid. Good keepers. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; 1 lb., \$1.85.

CAULIFLOWER



33—EARLY SELECT SNOWBALL

Imported. A reselected early variety that we especially recommend for market gardeners. It is of dwarf growth and produces solid white heads of good size. Has plenty of leaves to assure good blanching and to keep the head from turning yellow. Pkt., 25c; $\frac{1}{4}$ oz., 80c; $\frac{1}{2}$ oz., \$1.50; oz., \$2.75.

34—EARLY SNOWBALL (Shown on Cover)

The best known variety of cauliflower. Improvement in breeding and careful selection of seed stock has increased the value of this variety greatly during the past 10 years. Pkt., 10c; $\frac{1}{4}$ oz., 55c; 1 oz., \$1.75.

35—DANISH DRY WEATHER

Will form better heads in dry weather. Heads large, white, slightly tinged with green. Pkt., 10c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.00.

30—MAMMOTH RED ROCK

(Shown on Cover)

Most popular of the red cabbage. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

31—AMERICAN SAVOY CABBAGE

Its crumpled leaves have a distinct flavor. Flat head, solid. Pkt., 5c; $\frac{1}{2}$ oz., 20c.

32—CHINESE OR CELERY CABBAGE

(Shown on Cover Picture)

This vegetable is very easily raised in a home garden. If you are unfamiliar with its delicious flavor when used in a fresh salad, we urge you to try it. Pkt., 5c; $\frac{1}{2}$ oz., 20c.

HARDY CABBAGE PLANTS

Golden Acre, Wakefield, Copenhagen, Ballhead, and Late Flat Dutch. Postpaid prices: 25—38c; 100—\$1.25. Prices at Great Falls: 25 or more—1c each; 500 or more—85c per hundred. All plants are true to type. Have been hardened off so that there is very little danger of losing them at transplanting time.

TENDER CARROTS

Are Rich in Vitamins as Well as Flavor

36—DANVERS IMPROVED

Shown on Inside Cover

A favorite main crop carrot. Root 6 to 7 inches long. Very uniform, fine grained, rich in flavor, and very sweet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 50c; 1 lb., 90c.

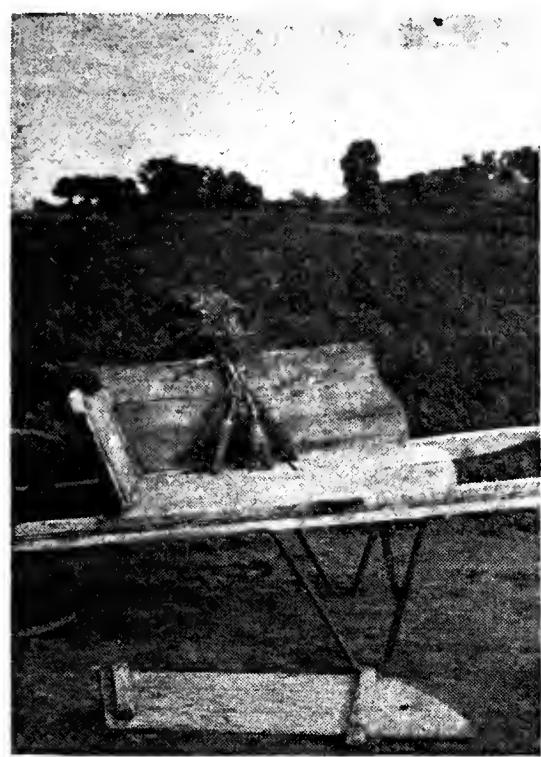


37—IMPROVED CHANTENAY

(Red Cored) Pictured on inside back cover

Chantenay has always been very popular for both the home garden and for market use. Now it has been improved so that the deep orange color continues entirely through the center. Roots taper to a blunt end. Very sweet and tender. Has a small neck and top strong enough for good bunching. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00.

CARROTS—Continued



Danvers Half Long Carrots grown by Frank McPheeeter, Great Falls market Gardener

CELERIAC**40—LARGE SMOOTH PRAGUE**

This turnip rooted celery produces large tubers nearly globe shape and with quite a smooth surface. Culture is the same as celery.

EARLY CORN

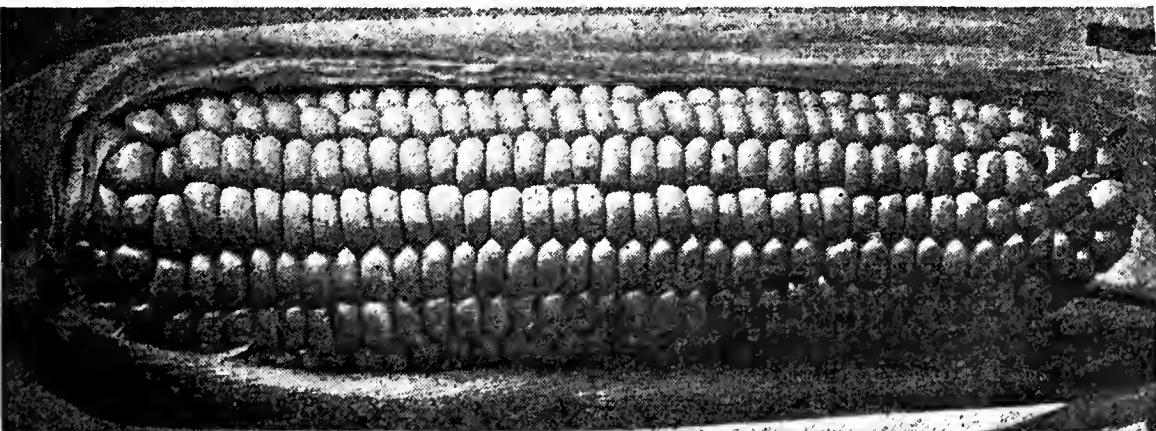
For Our Mountainous Region

44—GOLDEN HUMMER

This large and extra early yellow sweet corn has not only made a hit with home gardeners, but has proven to be a profitable crop for the truck growers. Ears average 7 inches long; 12 to 14 rows; golden yellow kernels of excellent flavor. Ready for the table early in August. Our seed supply is very limited and we have sold out early in the season for the past two years. Pkt., 5c; 1/4 lb., 15c; 1/2 lb., 25c; lb., 45c postpaid; 5 lbs., \$1.25 not postpaid.

45—GOLDEN SUNSHINE

A very choice early yellow corn with ears averaging 7 inches in length. Cob usually has 12 rows and is well filled. Flavor is fine. Slightly later than Golden Hummer. Pkt., 5c; 1/4 lb., 15c; 1/2 lb., 25c; lb., 42c postpaid; 5 lbs., \$1.15 not postpaid.

**38—OXHEART**

A late midseason carrot which is especially good in heavy soil since its stockiness makes it easy to harvest. Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 50c; 1 lb., 90c.

39—LONG ORANGE

Large straight roots of deep orange color chiefly used for stock feeding because of its productiveness. However, it is also excellent for table use. Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1 lb., \$1.00.

It is easy to grow your own celery. Seed should be started indoors and plants set out about the middle of June, eight inches apart. By hoeing up around them the stalks can be blanched as desired.

41—GOLDEN SELF BLANCHING

The most popular variety for this section. Stalks are rather heavy, but very crisp and free of strings. Blanches very easily. Pkt., 10c; 1/2 oz., 25c; oz., 40c.

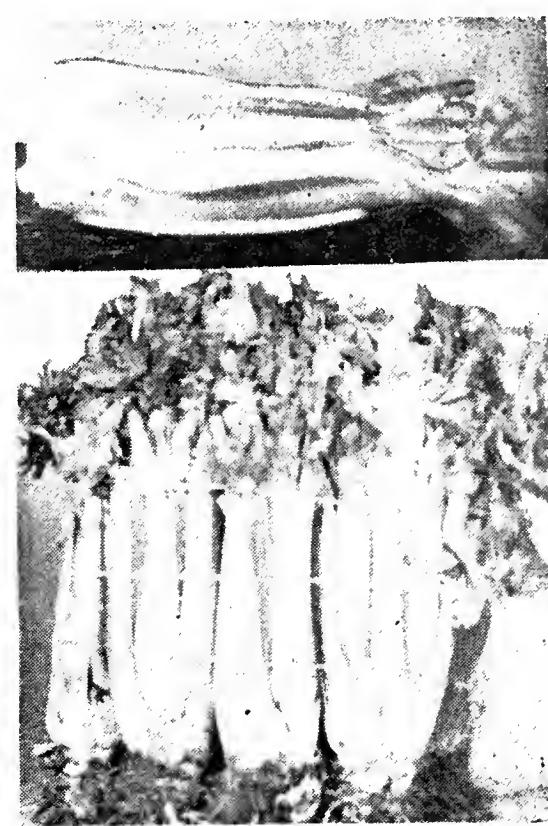
42—GIANT PASCAL

(Pictured on Front Cover)

This is one of the finest celeries known, crisp, brittle, free from strings, and of very excellent eating quality. All soft stalks are eliminated, and we believe we can supply you with the best strain in existence. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

43—WINTER QUEEN

An extra fine dwarf winter celery. Plants make large bunches of extra-heavy stalks with very large tightly folded hearts. Pkt., 10c; 1/2 oz., 25c; oz., 40c.

**HYBRID SWEET CORN**

Most people have read newspaper accounts of the work that has been done with hybrid field corn, but few are aware of the remarkable improvements that have been made in sweet corn hybridizing. We offer Tendergold, which we think is the best variety for Montana.

Nick Poncelet, market gardener, in a field of his Selected Early Bantam

47—TENDERGOLD

Ears are cylindrical to slightly tapering from 7 to 8 inches long. It has 10 to 14 rows of kernels of the Golden Bantam type and of highest quality. It yields more than either Golden Bantam or Golden Sunshine and matures at about the same time as Golden Bantam. It is very resistant to wilt and bacterial diseases which have reduced sweet corn yields the past few years. Shows a great uniformity of ears with a very large percentage of two eared stalks. 1/4 lb., 25c; 1/2 lb., 35c; lb. or more, 50c per pound postpaid.

Raise Your Own Popcorn

These new varieties will give you a thrill when you see how large and white they pop.

48—DYNAMITE OR T. N. T.

Large yellow kernels on 12 to 14 row ears which usually run 6 to 7 inches long. When popped, it is entirely free of hard centers. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 40c postpaid.

49—GIANT BLACK BEAUTY

A large black kernel that pops to a chalk white color. A few rows of our Montana grown seed will provide you with all the popcorn you need for the winter. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 40c.



X-L Straight Eight raised in Great Falls. Blunt ends make it ideal for slicing.

CUCUMBERS

52—X-L EARLY WHITE SPINE

The most popular variety of cucumber that we sell. Fruits are usually about 7 inches long and well shaped. Early. May be used for making sliced pickles and for large dills. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00 postpaid.

53—EARLY FORTUNE

A white spine variety. Dark green color that keeps well. Early and productive. Fruits about 9 inches long. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00 postpaid.

54—STRAIGHT EIGHT

All-American Gold Medal winner in 1935. This cucumber has met with such favor during the two years that the seed was offered for sale that we expect it to surpass all other varieties in sales during 1938. Fruits are straight, about 8 inches long and 1 $\frac{1}{2}$ inches in diameter. When ready for use they are a rich deep green. Color holds well, making it a desirable variety for selling to stores. Early. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; 1 lb., \$2.75.

55—IMPROVED LONG GREEN

An old favorite, growing about 10 to 12 inches long. Very desirable for slicing. Pkt., 5c; 1 oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25.

59—LONGFELLOW

This cucumber always causes comment because the fruits will run from 20 to 26 inches in length. About 2 $\frac{1}{2}$ inches in diameter. Skin is deep green and smooth. Flesh solid and crisp and excellent for slicing. Very few seeds. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.75.

60—CHICAGO PICKLING

Since this cucumber has everything that is desired in a good pickling type, we have discontinued all other pickling varieties. Fruits average 6 to 7 inches in length and are 2 inches in diameter and very firm. Will stay firm in jars. Very productive. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.80.



For an earlier cucumber crop this year try HotKaps. See page 33 for complete description and price.



Graham & Ross Special cucumber raised by W. E. House, Belt, Montana

57—DAVIS PERFECT

Very similar to White Spine. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00.

58—X-L DARK GREEN

Fruits 7 to 8 inches long. About 2 inches in diameter. Very dark green. A heavy yielding variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25.

Try a new variety of Cucumber this year



EGG PLANT

Culture same as tomatoes but the seed should be started earlier as it takes longer to germinate. Dipped in beaten egg and rolled in cracker crumbs and fried, it will provide a delicious variety from the ordinary run of garden vegetables.

61—IMPROVED BLACK BEAUTY

(Shown on Cover)

This variety will often produce 6 to 7 beautiful fruits to a plant. Well adapted to our conditions. Pkt., 10c; $\frac{1}{2}$ oz., 20c.

Black Beauty egg plant raised by Mrs. J. J. Arndt, 3612 7th Ave. No.

ENDIVE

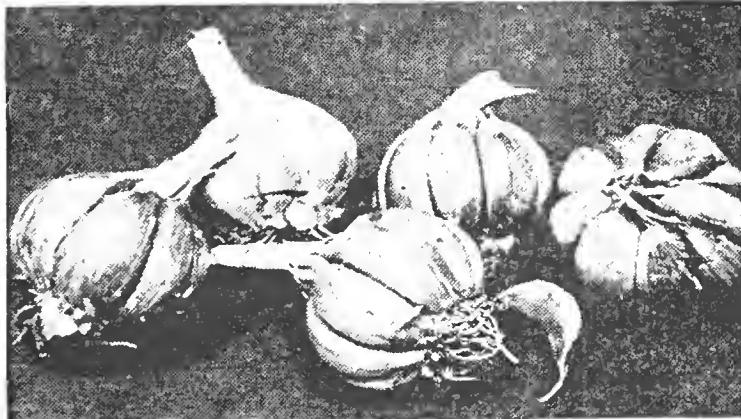
"Salad minded people" are fast learning how easy it is to raise tender endive. Should be sown from April 15th to late July for continuous use throughout summer and winter. It can be improved by tying the outer leaves loosely together when nearly full grown in order to blanch the center leaves.

62—GREEN CURLED

Hardy and vigorous. Leaves glossy green but will blanch to a liquid white. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c.

63—BROAD LEAVED BATAVIAN

The "head lettuce" of the endive family. Leaves thick and buttery in texture. Pkt., 5c; oz., 15c.



64—SEED GARLIC

Sound bulbs especially selected for planting. Bulbs should be divided and cloves set same as onions. Should be taken up in the fall and stored in a cool dry place. Bulbs, $\frac{1}{4}$ lb., 15c; lb., 45c postpaid.

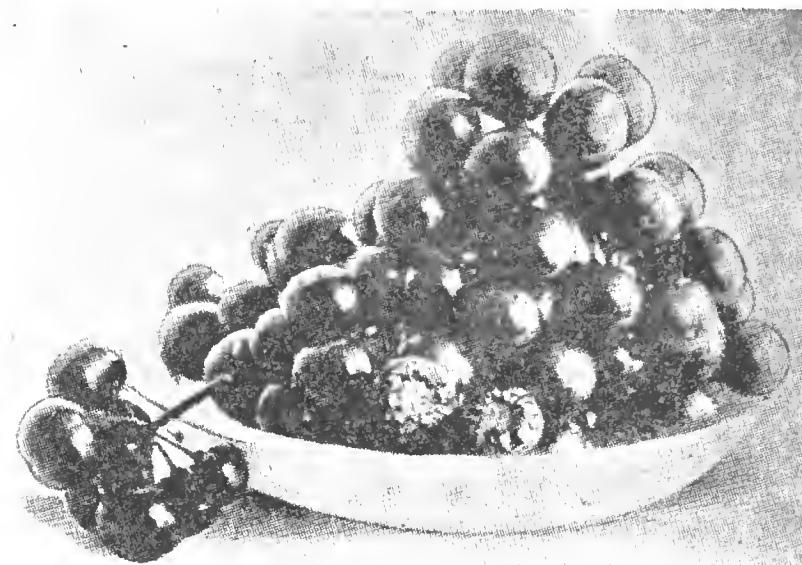
BENEFICIAL PROPERTIES OF GARLIC

In spite of its strong flavor and tenacious odor, garlic is not harmful to the stomach, even in large quantities. On the contrary, it exercises beneficial effects upon our organism.

Garlic dissolves the crystals, the accumulation of which causes hardening of the arteries. It lowers the blood pressure, accelerates and regulates the blood circulation by stimulating the heart muscles, and also acts as a blood purifier.

Every garden should contain all of the most popular herbs

Garden Huckleberry



This new fruit is easier to grow than tomatoes, culture being practically the same. Bushes are about two feet high, well branched, and loaded with berries, which when ripe are a dark purplish color. They make delicious conserve and are good if stewed, but should be cooked with a small amount of some other fruit such as apple or lemon added. Garden Huckleberry pie when properly made will meet with the approval of the entire family. Pkt., 10c; $\frac{1}{2}$ oz., 45c.

HERBS

The present trend in cooking shows a definite swing back to the use of herbs for supplying the proper seasoning.

66—CARAWAY

Seeds are used for flavoring. Pkt., 5c; oz., 15c postpaid.

67—DILL

Is used by everyone in making pickles. Easily grown. Pkt., 5c; oz., 15c.

68—SWEET MARJORAM

Pkt., 5c; oz., 25c.

69—SAGE

The well known seasoning used for making dressings. Pkt., 5c; $\frac{1}{2}$ oz., 40c.

70—THYME

Tea made from this plant is an old remedy for headaches. Pkt., 5c; $\frac{1}{2}$ oz., 40c.

71—SUMMER SAVORY

Leaves are generally used for flavoring soups. Pkt., 5c; oz., 25c.

72—CATNIP

While this is sometimes used for seasoning, it is most commonly thought of as a medicine and regulator for cats and kittens. Pkt., 10c.

73—LAVENDER

The dried leaves are used to impart a delicate scent to clothing. Pkt., 10c.

Many people grow a pot or two of their favorite Herb in the kitchen window, having it fresh the year 'round, but if this does not appeal to you, remember that the stalks may be cut just before full bloom, dried and packed in airtight boxes for use as desired.

KALE

75—Dwarf Scotch Curled

Generally planted for greens, but also used for garnishing instead of parsley. May be sown in the spring as soon as danger of frost is over and will stay green very late in the year if given a slight covering of straw. Pkt., 5c; oz., 15c.

KOHL-RABI

A few years ago only the most enthusiastic gardeners planted this vegetable. Now it is not an uncommon sight to find the children eating them raw from the garden the same as turnips. Seed should be sown early in the spring as possible and thinned to about six inches apart. Plant at intervals of 10 days so that you will have a succession of bulbs throughout the hot weather as they fail to grow when the weather becomes too warm.

76—EARLY WHITE VIENNA

Bulbs are light green with white flesh. Pkt., 5c; oz., 35c.

LETTUCE

Leaf Varieties

78—GRAND RAPIDS

The most popular of the loose leaf types. Very tender, retaining its crisp tenderness when fully grown. Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1/2 lb., 70c; 1 lb., \$1.25 postpaid.



"X-L" Grand Rapids Leaf Lettuce

79—PRIZEHEAD

This variety is misnamed as it produces loose leaves that are broad, crumpled, and tinged with red on the outside. Is very crisp and sweet. Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1/2 lb., 70c; 1 lb., \$1.25 postpaid.

80—BLACK SEEDED SIMPSON

Very early and a good leaf variety if used when young. Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1/2 lb., 70c; 1 lb., \$1.25 postpaid.

81—EARLY CURLLED SILESIA

Similar to Early Curled Simpson but more tender. The best variety for you to plant for your early leaf lettuce. Pkt., 5c; 1/4 lb., 45c.

82—CHICKEN LETTUCE

Produces long bushy leaves. Provides an abundance of greens for poultry. If picked young, they are also tender enough for table use. Pkt., 5c; oz., 20c; 1/4 lb., 50c.

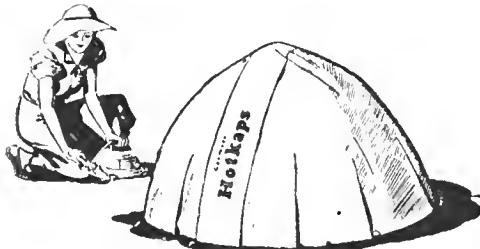
MUSKMELONS

87—HALE'S BEST

By planting Hale's Best you can enjoy delicious fine ripened muskmelons. Melons are rather oval shaped, medium size with exceptionally thick flesh. An attractive salmon color. Pkt., 5c; oz., 15c; 1/4 lb., 45c.

88—EXTRA EARLY HACKENSACK

An adapted variety that has been standard for many years. Pkt., 5c; oz., 15c; 1/4 lb., 45c.



You can raise muskmelons or watermelons in Montana if you use Hot Kaps. See page 33. Try a few and raise melons that ripen on the vine. Note the difference in flavor.

LEEK

(Pictured on Front Cover)

Culture is the same as onion. Chiefly used in soups, stews, and salads or any place where an exceptionally mild onion flavor is desired.

77—LONDON FLAG

This produces round, thick plants. Pkt., 5c; oz., 25c.

Leek makes an ideal substitute for onions in fall and winter. Tastes as good but without the strong odor.



Improved New York Head Lettuce raised by Nick Poncelet.

83—IMPROVED HANSON

This is the earliest of all the headed varieties. Has a firm cabbage-like head. Very white in the center and crisp and tender. Pkt., 5c; oz., 20c; 1/4 lb., 45c; 1/2 lb., 80c.

84—NEW YORK

(Pictured on Cover)

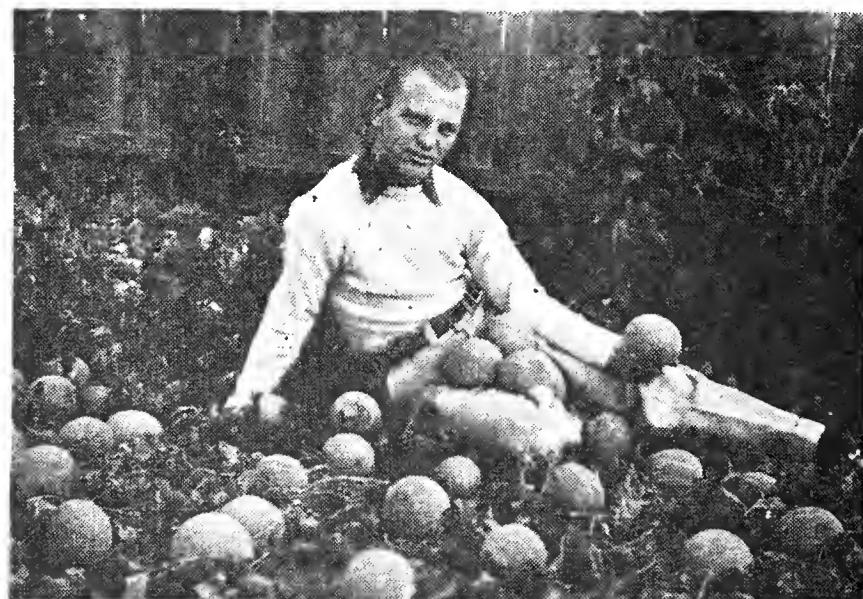
The best head lettuce for our climate. Large tightly folded heads are well bleached, crisp and sweet. Market gardeners prefer this variety. Pkt., 5c; oz., 25c; 1/4 lb., 65c; 1/2 lb., \$1.15; 1 lb., \$1.85.

85—ICEBERG

This variety has lost much of its popularity to the Improved New York. It is a good variety for home gardens, but unsatisfactory for shipping or selling to stores. Pkt., 5c; oz., 20c; 1/4 lb., 60c.

86—WHITE COS OR CELERY

Has an erect habit of growth with long, broad leaves that should be tied to blanch the inside. You should try this for salads. Pkt., 5c; oz., 20c.



Hale's Best Muskmelon raised by Eddie Peterson, 1408 8th Ave. North, Great Falls. Note large number on each vine.

89

Mushrooms



Are easily grown if you have a root cellar, sheep shed or some similar building. Complete instructions furnished. Fresh spawn, enough for a bed 25 ft. by 3 ft. \$1.00 postpaid.

MUSTARD

90—SOUTHERN GIANT CURLED

Mustard greens are preferred by many discriminating people. Leaves are large, light green, with a mild agreeable flavor. Pkt., 5c; oz., 15c.

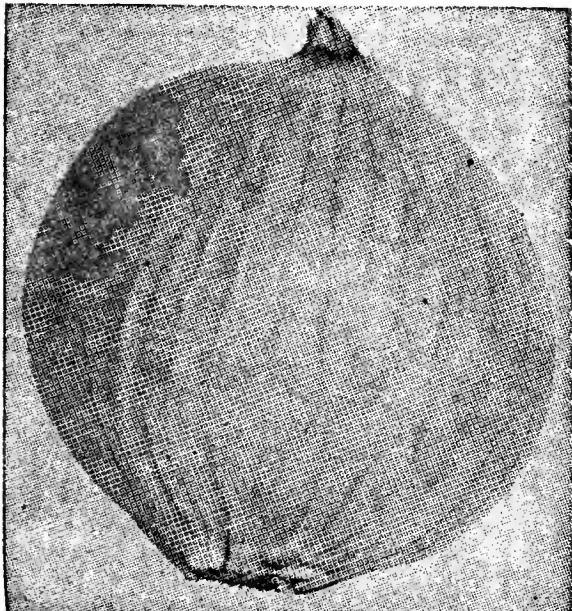
ONIONS

Yellow Varieties

93—SWEET SPANISH

(Shown on Front Cover)

Golden yellow, globe shaped. Flavor very mild. Yields very highly. Pkt., 5c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.35; 1 lb., \$2.50.



94 PRIZETAKER

Produces a very large bulb, sometimes running over a pound. Light straw color. Uniform shape. Pkt. 5c; oz. 20c; 1/4 lb. 65c; 1/2 lb. \$1.05; 1 lb. \$1.90 postpaid.

95—YELLOW GLOBE DANVERS

This well known standard variety has pure white flesh. Is very crisp and quite mild. A dependable yielder that cures well and one of the best for winter storage. Pkt., 5c; oz., 20c; 1/4 lb., 65c; 1/2 lb., \$1.10; 1 lb., \$2.10 postpaid.

96—X-L MOUNTAIN DANVERS

(Pictured on Inside Back Cover)

The earliest onion and one of the best winter keepers. Not quite as large as Yellow Globe Danvers and a little stronger in flavor. This "sure-cropper" should be planted if you are afraid the season is too short for other varieties. Pkt., 5c; oz., 20c; 1/4 lb., 55c; 1/2 lb., \$1.15; 1 lb., \$2.10 postpaid.

97—RED WETHERSFIELD

A large flat onion, red skinned, white flesh. Is very desirable if the soil is poor. Pkt., 5c; oz., 20c; 1/4 lb., 60c.

98—SOUTHPORT RED GLOBE

A perfect globe shape. Very hardy and a fine keeper. Pkt., 5c; oz., 25c; 1/4 lb., 75c.

WATERMELONS

91—X-L EARLY NORTHERN SWEET

This fine flavored melon was originally developed in northern Russia and improved in a Minnesota Experiment Station. We tried it out in 1936 and found it so good that we featured it in 1937. Every person of whom we have record of purchasing this seed in 1937 was asked for their experiences and out of all our inquiries we could find no one who was not enthusiastic in their praise for it. Will ripen in 9 or 10 weeks after planted. Matured fruits will average from 7 to 9 pounds. Flesh is dark red, tender, and very sweet. Rind is gray-green with darker striping. Pkt., 10c; oz., 25c; 1/4 lb., 90c postpaid.

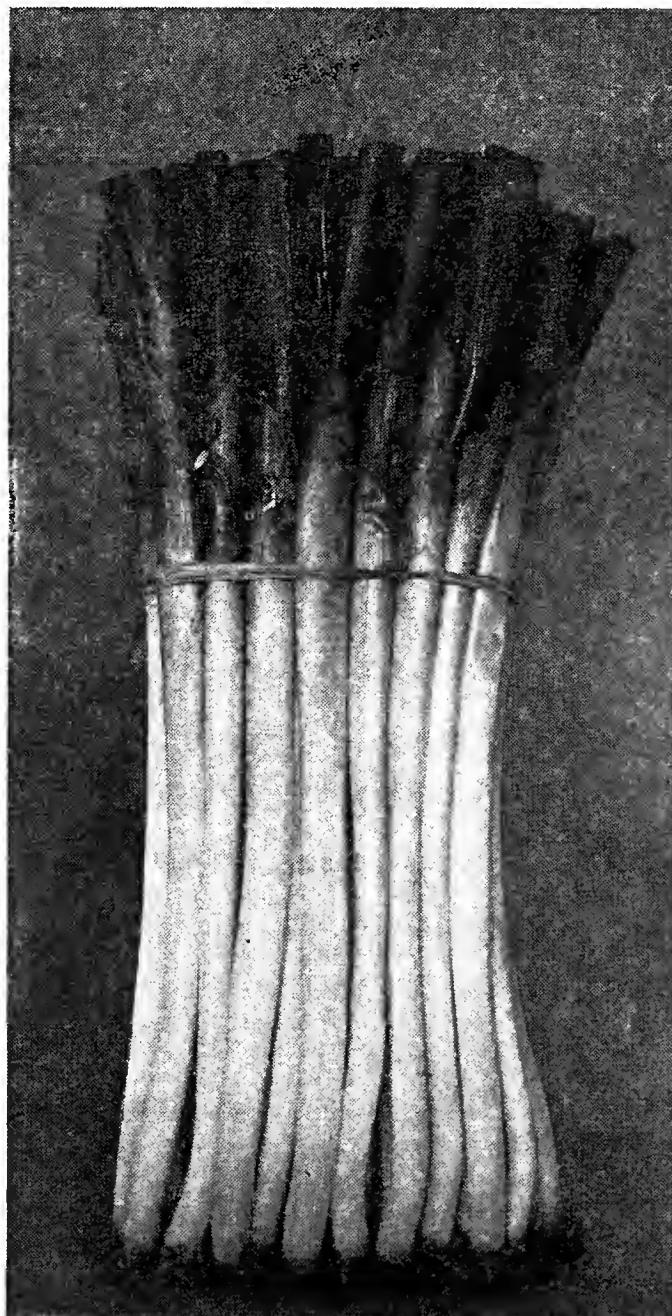
92—COLE'S EARLY

Until the introduction of Early Northern Sweet this variety was considered standard for Montana. Bright red flesh, thin green rind. Black seeded. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

White Varieties

99—SOUTHPORT WHITE GLOBE

The most popular winter keeping white onion. Flavor is excellent. This variety is quite widely used for bunching onions by gardeners. Pkt., 5c; oz., 30c; 1/4 lb., 80c; 1/2 lb., \$1.40; 1 lb., \$2.60 postpaid.



101—LONG WHITE BUNCHING ONIONS

See page 10 for description.

ONIONS—(Continued)

100—WHITE PORTUGAL OR SILVER SKIN

(Shown on Front Cover)

A beautiful silver white onion of flattened shape. Keeps well in winter. Also used when small for bunching and pickle onions. Pkt., 5c; oz., 25c; 1/4 lb., 70c; 1/2 lb., \$1.25; lb., \$2.25 postpaid.

101—LONG WHITE BUNCHING ONION

An onion that we introduced last year and which proved to be the best variety for green table onions. Produces fine white stalks with no bulbs. This onion may be sown in late August or September to produce green onions in the fall and early bunching onions the following spring. Pkt., 5c; oz., 25c; 1/4 lb., 90c; 1/2 lb., \$1.60; lb., \$2.75 postpaid.

102—WHITE PICKLING ONIONS

Selected because they will keep firm in the jar. Pickling onions do not have to be sown as early as those desired for winter supply. Pkt., 5c; oz., 30c; 1/4 lb., 80c; 1/2 lb., \$1.40; lb., \$2.60 postpaid.

ONION SETS

X-L Montana grown sets are graded to remove the large ones. This permits a greater number per quart and reduces the cost considerably.

103—YELLOW BOTTOM SETS

Postpaid 23c quart; not postpaid 15c quart.

104—WHITE BOTTOM SETS

Postpaid 28c quart; not postpaid 20c quart.

BERMUDA ONION PLANTS

Genuine Bermuda seed is sown in southern Texas and the plants shipped to us when all danger of frost is past. These plants are set out and may be used for green table onions, but if left to mature will produce exceedingly large sweet onions. During the past few years many onions of the regular sorts or of the Sweet Spanish type have been grown in Washington and shipped into Montana and sold as Bermudas. We caution our customers to secure only fresh, live plants grown in Texas, if they wish to produce sweet onions. We can supply either Yellow Valencia or Crystal White plants. Approximately 100 plants to a bunch 25c per bunch; 5 bunches, 85c; 10 bunches, \$1.40 postpaid; per crate, 6,000 plants, \$5.00 not prepaid.

Home Grown Peas Are Tender

110—ALASKA OR EARLIEST OF ALL

Smooth seeded. Pods are short, straight, and blunt. This pea, while small, is very popular because it will produce about two weeks ahead of the larger varieties. Vines are short enough that they do not have to be propped. The smooth seeded varieties will not rot and can be planted much earlier than the wrinkled varieties. Pkt., 5c; 1/4 lb., 15c; 1/2 lb., 25c; lb., 35c postpaid; not postpaid, 5 lbs., \$1.00.

111—AMERICAN WONDER

The earliest of the wrinkled varieties. Fairly sweet, a dwarf habit, and a good home garden pea. Pkt., 5c; 1/4 lb., 15c; 1/2 lb., 25c; lb., 35c postpaid; not postpaid, 5 lbs., \$1.00.

112—LITTLE GEM

A few days later than American Wonder. Quite a bit more productive. Flavor unusually sweet. Vines dwarf. Pkt., 5c; 1/4 lb., 15c; 1/2 lb., 25c; lb., 35c postpaid; not postpaid, 5 lbs., 95c.

Increase your yield of Peas by using an Inoculant. Garden size, will treat up to 4 lbs., price, postpaid, 10c.



Parsley

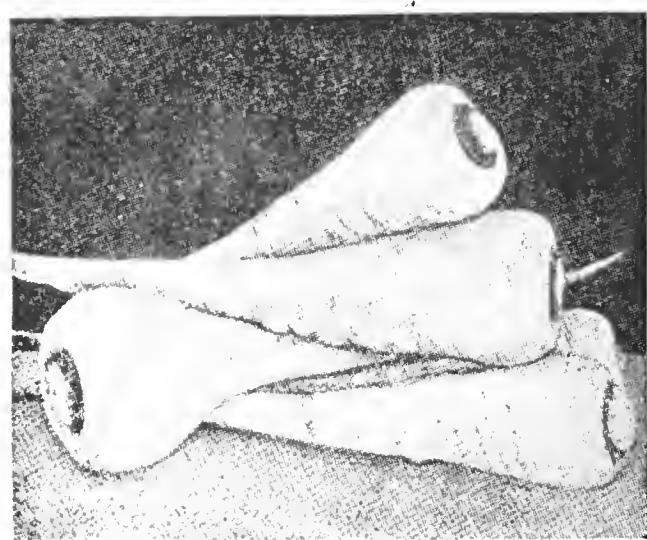
105—CHAMPION MOSS CURLED

The finely curled leaves are a dark green in color and full flavored. Pkt., 5c; oz., 15c; 1/4 lb., 35c.

106—HAMBURG TURNIP ROOTED

The roots which resemble small parsnips are used for flavoring. Pkt., 5c; oz., 15c.

Parsnips



107—NEW SHORT THICK

We believe that this variety will appeal to the many home gardeners who complain that parsnips grow too long and are too hard to harvest. Tops are small; roots short and thick, having a diameter of about three inches and a length of only 6 to 8 inches at the thickened part. Considerably earlier than Hollow Crown or Guernsey. Does not have the deep set crown so familiar in other varieties. Pkt., 5c; oz., 20c; 1/4 lb., 60c; lb., \$1.50.

108—HOLLOW CROWN

This is considered the best and most popular variety in cultivation. Roots grow 18 to 20 inches long. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., 90c.

109—GUERNSEY

Roots slightly shorter than Hollow Crown and while the top is set well into the shoulder, flesh is generally thicker at this point. Roots taper uniformly. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., 90c postpaid.



Early Alaskan Peas Raised by Nick Poncelet,
Great Falls

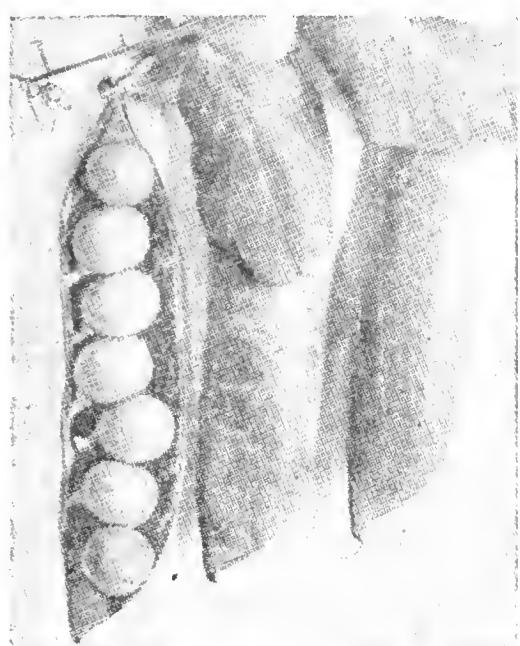
113—LITTLE MARVEL

A dwarf vine pea maturing medium early and producing an abundance of well filled pods 3 to 3 1/2 inches long. Little Marvel has a flavor that is delicious and sugary. Considered exceptionally fine for the home garden. Pkt., 5c; 1/4 lb., 15c; 1/2 lb., 25c; lb., 35c postpaid; not postpaid, 5 lbs., 95c.

Order Vegetable Seeds by number preceding each variety

114—LAXTONIAN OR ROOSEVELT

(Pictured on Inside Back Cover)



We have yet to find a pea that is as desirable for both home and market gardening use as Laxtonian. It is medium early and dwarf. Pods are long, usually containing 7 or 8 peas of very fine appearance and remarkable flavor. Without a doubt this pea should be the choice of everyone who plants only one variety. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c postpaid; not postpaid, 5 lbs., \$1.25.

"X-L" Laxtonian Peas

Peppers

Everyone should raise a few peppers and learn how nice a fresh pepper is when stuffed or used in salads. A few plants will supply your needs for pickling.

119—CALIFORNIA WONDER

(Shown on Front Cover)



X-L California Wonder Peppers
Raised by Frank McPheter, Great
Falls Market Gardener

120—LARGE BELL OR BULL NOSE

Very early, but rather hot, large size pepper. This has been an old favorite for many years. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c postpaid.

121—RUBY KING

Fruits $4\frac{1}{2}$ to 6 inches long. An average of $3\frac{1}{2}$ inches thick. Bright ruby red. Quite sharp in flavor and an excellent sort for pickles. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 30c postpaid.

122—CHINESE GREEN

Fruits 4 to 5 inches long. Broad on top and of equal length. Stays green longer than any other variety. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c.

115—GRADUS OR WORLD'S RECORD

Gradus is medium late with vines about three feet high. Pods are long and well filled with exceptionally sweet and tender peas. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 35c postpaid; not postpaid, 5 lbs., \$1.00.

116—BLISS EVERBEARING

A dwarf mid-season pea that will bear unusually long if kept well picked. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c postpaid.

117—DWARF TELEPHONE

Dwarf coarse vines with broad, straight, and well-filled pods about 4 inches long. Peas are almost as large and plentiful as in the Tall Telephone, and, with the advantage of not having to stake, it is very popular. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c postpaid; not postpaid, 5 lbs., \$1.10.

118—TALL TELEPHONE

A late pea that will out-yield every other variety. Vines must be staked or supported in some manner. Pods are very long and are usually well filled with 7 to 9 plump peas. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c postpaid; not postpaid, 5 lbs., \$1.10.

A Plant of
Large Bell
or Bull Nose
Peppers

**123
PIMENTO**

X-L strain
has unusually
thick flesh.
Pkt., 10c.

**124
LONG
RED
CAYENNE**

Very hot.
Pkt., 10c.

Pumpkin

Mammoth King Pumpkin Grown
by E. B. Hunter, Great Falls

**125—EARLY
SUGAR OR PIE**

This is the most widely used pumpkin. Fruits generally weigh about 7 lbs. Just right for home use. Flesh is rich orange, thick, sweet and finely flavored, which makes it the most desirable for pie making. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c.

**126
MAMMOTH
KING**

The largest pumpkin grown. Usually used for feeding purposes and as a novelty for fairs, etc. Pkt., 5c; oz., 15c.

X-L Seed Potatoes

We are generally in a position to furnish a select stock of Early Ohio, Bliss Triumph, Irish Cobblers, Katahdin, and Netted Gem. As the price varies with the market, we suggest that you write for quotations at the time you are interested.



OBTAINT BETTER POTATO YIELDS WITH IMPROVED SEMESAN BEL

The spotty stand of potatoes on the left of the above picture are grown from untreated seed and did not produce as large a yield as the fine stand of vigorous plants on the right, from IMPROVED Semesan Bel treated seed.

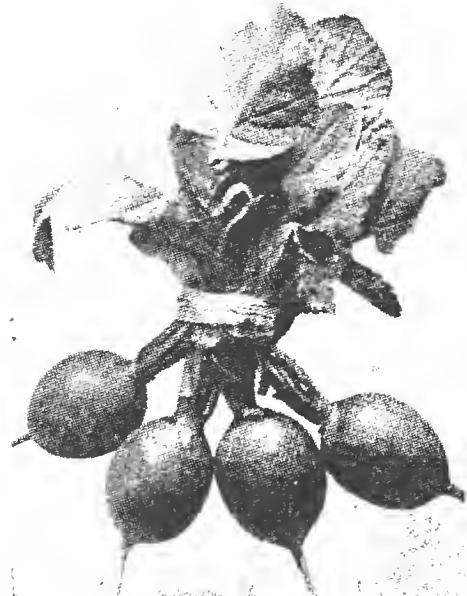
No mussing soaking. Treat your seed as fast as you can dip it. One pound treats 60 to 80 bushels of seed—easily, quickly, inexpensively. 4 oz., 45c; 1 lb., \$1.50; 5 lbs., \$6.75; 25 lbs., \$31.00.

Crisp Radishes

Add Variety to Any Meal

127—EXTRA EARLY SCARLET GLOBE SELECT

(Shown on Front Cover)



Scarlet Globe Select Radish

Market gardeners find this variety the most successful for greenhouse, hotbed, and outdoor planting. Very early, crisp, mild and tender. Rich bright scarlet in color. Uniform globe shape with a good top for bunching. In the home garden successive planting should be made every 10 days to two weeks except during July. Resume planting at the end of August for fall radishes. Selected market garden stock. Oz., 25c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.25.

128—SCARLET GLOBE STANDARD STOCK

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00

129—SAXA

This is the earliest red radish and one of the most popular for the home garden. Small, round, and bright scarlet in color with a very small tap root. Tops are not heavy enough for bunching. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.15 postpaid.

130—EARLY SCARLET GLOBE White Tipped

A beautiful round radish, bright red with white base. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.00.



Scarlet Globe White Tip

Similar to Scarlet Globe—White Tipped but with more white area. Top small. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 50c; 1 lb., 85c postpaid.

131—SPARKLER

An old standard variety growing about $1\frac{1}{2}$ inches long. Rich scarlet with white bottom. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00 postpaid.

132—FRENCH BREAKFAST

An old standard variety growing about $1\frac{1}{2}$ inches long.

Rich scarlet with white bottom. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00 postpaid.

133—WHITE ICICLE

Our strain of this well known variety has pure white roots about 6 inches long. Flesh is crisp and mild. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00 postpaid.

134—LONG SCARLET

Similar to White Icicle except in color. Pkt., 5c; oz., 15c.

WINTER RADISH

Seeds should be sown from late in June to August. These radishes are the largest of all and can be stored for some time for winter use. When pulled they should be covered with sand and kept in a cool place.

135—BLACK SPANISH

Skin black and thick. Flesh crisp and white. Pkt., 5c; oz., 15c.

136—CHINA ROSE WINTER

Skin light pink. Pkt., 5c; oz., 15c.

Rhubarb

The most economical way of growing rhubarb is from seed. After the first growing season they should be transplanted to a permanent location.

137—STRAWBERRY

An excellent and handy sort for the home garden. Pkt. 5c; $\frac{1}{2}$ oz., 15c; oz., 25c.

138 RHUBARB PLANTS

We can supply strong 2-year-old roots from a strain developed by Dan Payne, whose rhubarb has been famous in Great Falls for many years. Produces large stalks of a rosy strawberry color and delicious flavor. Payne's strawberry rhubarb will give you a new idea as to how rhubarb should produce and taste. Roots 20c each; 6 for \$1.00. Postage: First root, 8c; each additional root, 2c.



Dan Payne and Two of His Strawberry Rhubarb Stalks

Rutabagas

139—AMERICAN PURPLE TOP

The best rutabaga both for table use and stock feeding. Have the small tops and short neck. Roots globe shape, large size. Finest quality and an excellent keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., 65c postpaid; not postpaid, 5 lbs., \$2.00.

Spinach

The increased demand for spinach has brought about great improvement; thicker leaves and a longer season of use.

140—BLOOMSDALE

The standard very early spinach for home and market garden. Plants are upright and compact; leaves large, blistered and crumpled; glossy green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 50c postpaid.

141—LONG STANDING

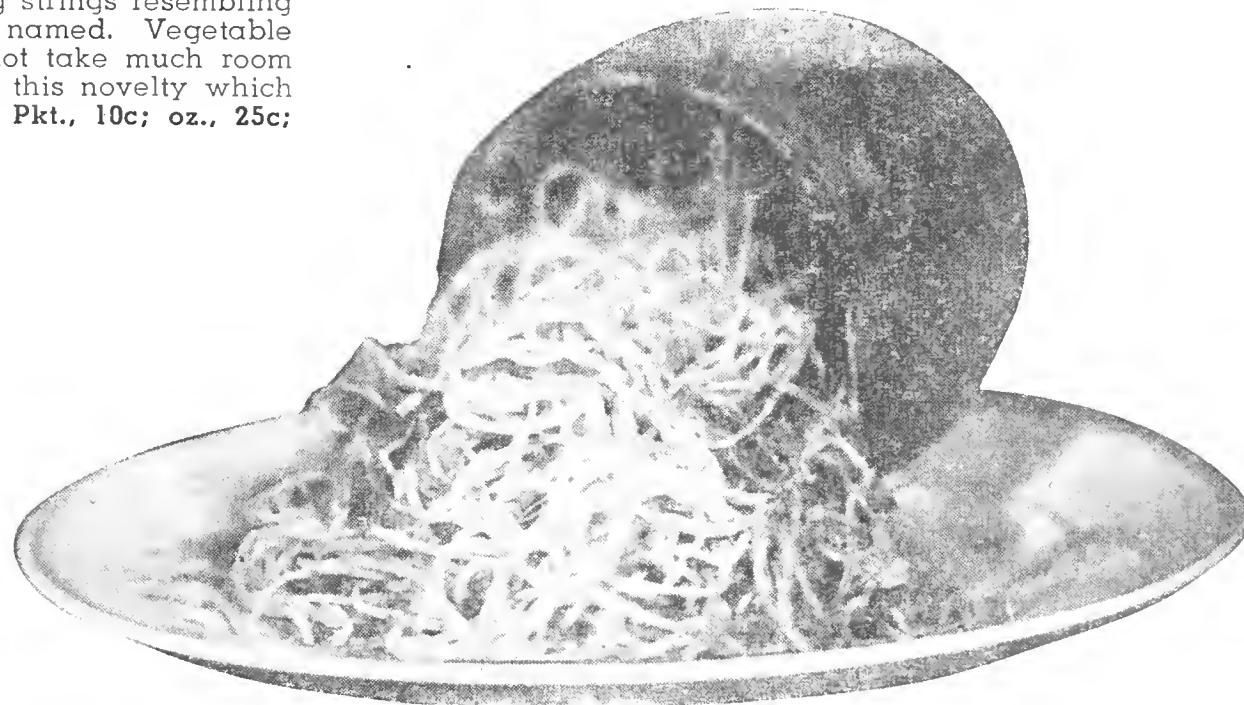
Will remain a long time without going to seed. Erect plants with crumpled round large leaves. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 50c.

145—Vegetable Spaghetti

A new variety of squash introduced by us last year. Fruits vary from 7 to 12 inches long, and from 4 to 7 inches in thickness. Flavor is much better than any of the squashes, being creamier and richer. In preparing them for table use, the usual way is to boil the fruits for 20 or 30 minutes without skinning them. They should then be cut, seeds removed, and the flesh may be scooped out in long strings resembling spaghetti—making this variety aptly named. Vegetable Spaghetti may also be baked. It does not take much room in the garden and we urge that you try this novelty which we predict will soon become a favorite. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c postpaid.



Vegetable Spaghetti Grown by John Ross, Jr., Great Falls



Vegetable Spaghetti as It Appears After Being Cooked

Squash

Summer Varieties

146—MAMMOTH SUMMER CROOKNECK

A standard summer variety. Large dark yellow warty fruits. About 18 inches long. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c.

147—WHITE BUSH

An early summer variety. Fruits flattened and scalloped. About 8 inches in diameter. Smooth, creamy white skin. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c.

Winter Varieties

148—TABLE QUEEN

The best flavored of the winter squashes. Fruits are small acorn shape; about 5 or 6 inches long and 4 inches in diameter. Should be baked whole and then cut. A half squash makes a nice size for individual servings. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.20 postpaid.

Spinach and Squash are high in Vitamins

142—KING OF DENMARK

Large dark green slightly blistered leaves produced on plants that are low growing and which quickly produce a heavy crop that will not go to seed for one or two weeks. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c postpaid.

143—NEW ZEALAND

On soil too poor to successfully grow other varieties, New Zealand will thrive and produce leaves of small size that are tender and delicious. Each branch of the plant produces others; making a continuous supply of greens throughout the summer. Hot weather does not seem to affect New Zealand. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., 70c postpaid.

Salsify

This plant is not as well known as it should be. Roots should be cooked like carrots. After a good frost they acquire an oyster flavor. For winter use the roots should be lifted in the fall. Roots that are left in the ground over winter may be pulled and used in the spring.

144—MAMMOTH SANDWICH ISLAND

Pkt., 5c; oz., 20c.

SWISS CHARD (See Beets)

149—GREEN HUBBARD

The old standard Hubbard squash. Improved in thickness and toughness of shell so that it keeps better during the winter. Flesh bright orange-yellow; skin dark green. Good size. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.35 postpaid.



150—GOLDEN HUBBARD

Similar to our Improved Hubbard, but a little smaller and earlier. Deep gold in color. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.20 postpaid.

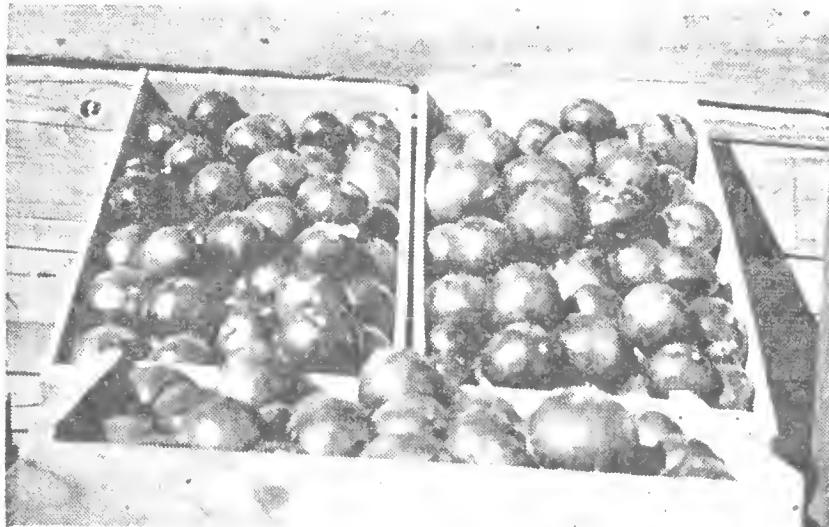
151—MARBLEHEAD

Has the general shape of Hubbard Squash but the outer shell is a grayish-green color and comparatively smooth. Flesh is golden-orange and cooks very dry. Has been in great demand because of its keeping qualities. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.50 postpaid.

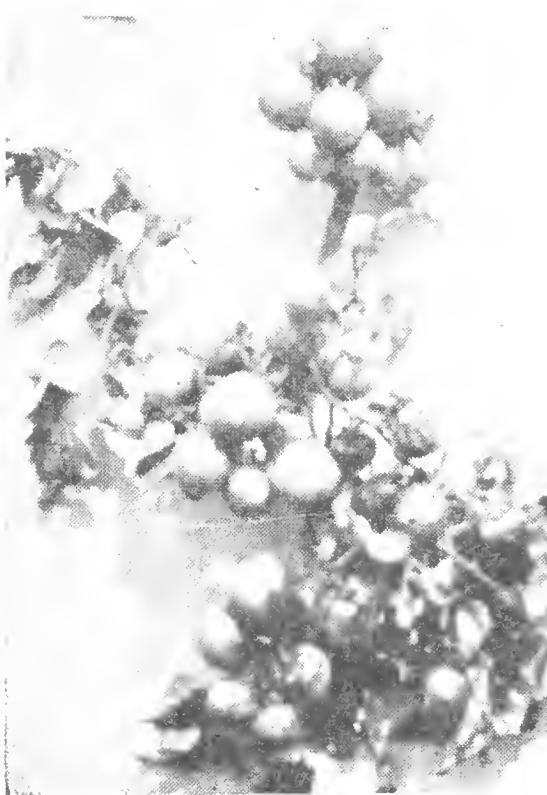
X-L TOMATOES

152—PENN STATE (Shown on Front Cover)

We featured this tomato two years ago, and the repeat calls that we received last season made us feel sure that our customers considered it every bit as good as we claimed it to be. Plants are of the self-topping type; short, thick vines; medium size fruits borne in clusters of four to six; are very solid and of an especially good flavor. The most remarkable thing about this tomato is the way in which it produces. No other variety will give you as much fruit per plant as Penn State. Pkt., 15c; $\frac{1}{2}$ oz., 45c; oz., 80c.



Break: O'Day Tomatoes Grown by Harry Suyama, Havre



One Earliana Tomato Plant Raised
by Mrs. J. J. Arndt, 3612 7th Ave.
North in Great Falls

172—YELLOW PEAR

A preserving variety with fruits about two inches long, pear shape. Pkt., 10c; $\frac{1}{2}$ oz., 20c.

Turnips

174—EARLY SNOWBALL

An especially nice all white early turnip, globe shape and with very sweet tender flesh. Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 85c, postpaid.

175—EARLY PURPLE TOP MILAN

A good variety for early use. Roots medium size with purple top. Fine grained and sweet. Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 85c, postpaid.

153—BREAK O' DAY

Was developed by the United States Dept. of Agriculture. Its main feature is its earliness and its ability to stand hot, burning weather without spoiling the fruit. Deep globe shaped with small seed capacity, and thick, firm meat. Pkt., 5c; $\frac{1}{2}$ oz., 25c, postpaid.



The Following Tomatoes Are
Early and Adapted to This
Climate:

157—BONNY BEST

Pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 35c.

158—NEW STONE

Pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 35c.

159—CHALK'S EARLY JEWEL

Pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 35c.

160—RED HEAD

Pkt., 5c; $\frac{1}{2}$ oz., 25c; oz., 50c.

170—PONDEROSA OR BEEFSTEAK

Pkt., 5c; $\frac{1}{2}$ oz., 25c; oz., 50c, postpaid.

171—GOLDEN QUEEN

The best large yellow tomato. Fruits slightly flattened, bright golden yellow, firm and attractive. Pkt., 5c; $\frac{1}{4}$ oz., 20c postpaid.

173—GROUND CHERRY

(Also known as Strawberry or Husk.) Vines are low and spreading, producing small yellow fruit and loose husk. Of rich, sweet flavor. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

176—PURPLE TOP WHITE GLOBE

(Pictured on Front Cover)

In our estimation this is the best turnip for general use and the best to store for winter. Grows large but retains its globe shape. Flesh pure white, sweet, and remains fine grained even after turnips have reached an immense size. Very heavy yielder. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 45c; lb., 75c.

177—PURPLE TOP STRAP LEAF

A standard early variety. Roots flat, medium size. Purple or dark red above ground and creamy white below. Roots are in best condition for table when $2\frac{1}{2}$ inches in diameter, but will grow much larger. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 65c, postpaid.

HARDY PLANTS

SHIPPING DATE—All plants will be shipped, when to our judgment, danger of frost is over. If ordered with seeds or poultry supplies, balance of order will be filled and acknowledgment of plant order will be packed in shipment.

VEGETABLES

TOMATOES—We can furnish the following varieties: Break O'Day, Earliana, John Baer, Bison, Penn State and Yellow Pear. Please give second choice in these as we might be sold out of the first selection. Yellow Pear supplied only in 3 and 4-in. pots.

Tomato Plants

	Per Doz.	Wt. Per Doz.
Tomatoes—Bench Planted	\$.50	3 lbs.
Tomatoes—3-in. Potted	1.00	12 lbs.
Tomatoes—4-in. Potted	1.50	18 lbs.

PACKING COST:

Bench Planted, 5c doz. extra; 3-in. Potted, 10c doz. extra
Note: We do not recommend that 4-in. potted tomatoes be shipped by parcel post but only by express collect.

STRAWBERRIES



They look good but taste better. Enjoy juicy mastadon strawberries fresh from your own berry patch. X-L Mastadons are the largest and best.

MASTADON—This new variety is the last word in strawberry and outranks all predecessors. It is of immense size and also a creditable cropper, of choice quality and the strongest grower yet developed.

PROGRESSIVE—A strong, upright grower and great drought resister. Fruits abundantly about three months after plants are set and continues until after fall.

PRICES ON ALL STRAWBERRY PLANTS

25—50c; 50—90c; 100—\$1.50; 500—\$6.00. Postage, 25—10c; 50—12c. Please order strawberry plants early, as the length of time that we can hold them in the store is limited and we disappoint many customers each year. No order for less than 25 plants accepted.

APRIL PLANTING DATES

1—Good time to plant root crops. 2-3—Good time to plant crops that produce yield above ground. 4-5—Fairly good for root crops of quick growth. 6-7—Good for plants that produce yield above ground. 8-9—Fruitful sign. Seeds planted now germinate quickly. 10-11-12—Unfavorable to plant, good time to destroy weeds. 13-14—Unfavorable except for flowers. 15-16-17—Plant now for pulp and roots and a fair amount of grain. 18-19—Good time to plant, especially good for corn. 20-21—Unfavorable to plant or transplant. 22-23-24—Plant now for quick growth of pulp or roots, not especially good for grain. 25-26—Seeds planted now liable to rot. 27-28-29—Good for plants that produce yield above ground. 30—Good for vines, stalks and crops that produce yield above ground.

MAY PLANTING DATES

1—Good for vines, stalks and crops that produce yield above ground. 2-3—Not particularly favorable for planting. 4-5—Good time for all plants that produce yield above ground. 6-7—Good sign. Seeds planted now germinate quickly. 8-9—Unfavorable for crops. Good time to destroy weeds. 10-11-12—Unfavorable except for flowers. 12-14—Plant now for stalk and root growth and fair amount of grain. 15-16—Good for all crops, especially good for corn. 17-18-19—Generally unfavorable. 20-21—Plant now for quick growth of pulp and roots but not much grain. 22-23-24—Seeds planted now liable to rot. 25-26—Good sign for any kind of crops. 27-28—Fairly good for vines and stalks, not very good for grain. 29-30—Fair for root crops. 31—Good to plant seeds that produce yield above ground.

FOR EARLIER VEGETABLES & FLOWERS

CABBAGE

We grow the following varieties: Golden Acie, Copenhagen Market, Danish Ball Heads, Late Flat Dutch and Early Jersey Wakefield.

	NOT POSTPAID			POSTPAID		
	Per 12	Per 50	Per 100	Per 12	Per 50	Per 100
CABBAGE	\$0.15	\$0.50	\$1.00	\$0.25	\$0.75	\$1.25
CAULIFLOWER						
Early Snowball	.20	.75	1.50	.35	1.00	1.75
CELERY						
Giant Pascal	.25	.85	1.50	.40	1.10	2.00

ASPARAGUS ROOTS

See page 2 for description
1 doz., 40c, postpaid; 50 for \$1.25; 100 for \$2.25

HORSERADISH

Each, 25c; postpaid, 33c.

CHIVES

Hardy perennial plants with a mild onion flavor. Per bunch, 15c.

RHUBARB

Dan Paynes special. See description on page 12.
Each, 20c; 6 for \$1.00.



Nick Poncelet sets thousands of plants with this setter

JUNE PLANTING DATES

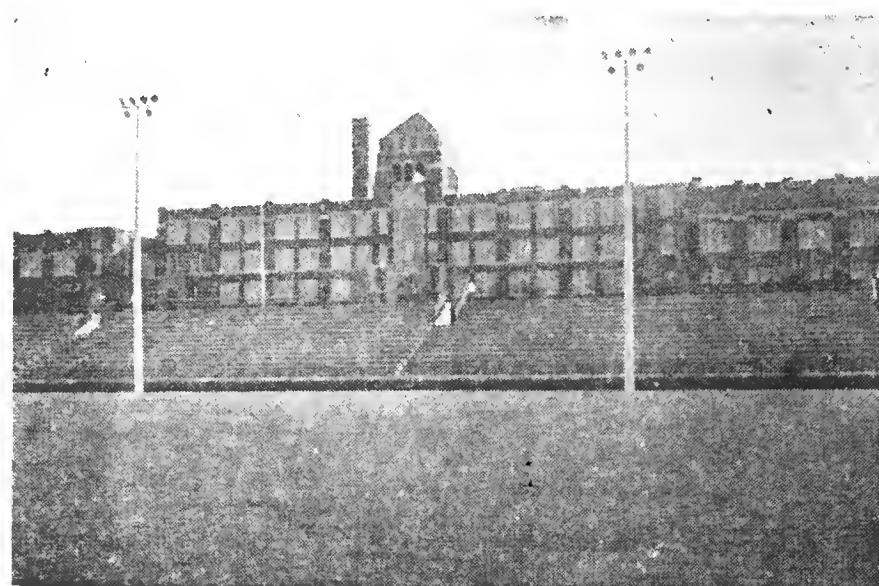
1—Good time to plant seeds that produce yield above ground. 2-3—Plant now for quick growth and good crops. 4-5—Unfavorable to plant or transplant but a good time to destroy weeds. 6-7-8—Unfavorable for everything except flowers. 9-10—Plant now for good pulp growth and considerable amount of grain. 11-12-13—Good sign, especially good for corn. 14-15—Unfavorable except for radishes and root crops. 16-17-18—Good for quick growth of pulp and roots, not good for grain. 19-20—Seeds planted at this time liable to rot. 21-22—Good time for all planting, especially good for root crops. 23-24—Fairly good for vines or stalks. 25-26—Fairly good for root crops of quick growth. 27-28—Good time to plant all crops that produce yield above ground. 29-30—Plant now for quick growth and a fair crop.

JULY PLANTING DATES

1-2-3—Unfavorable for planting anything except flowers. 4-5—Plant now for good pulp and root crops and fair amount of grain. 6-7—Plant now for healthy pulp and root growth and fair amount of grain. 8-9-10—Good for all crops, especially good for corn. 11-12—Unfavorable time to plant. 13-14-15—Plant now for rapid pulp and root growth but not much grain. 16-17—Seeds planted at this time liable to rot. 18-19-20—Good time for all crops, especially good for roots. 21-22—Good time to plant only for vines or stalks. 23-24—Fairly good for root crops. Quick growth. 25-26—Good for all plants that produce yield above ground. 27-28—Plant now for quick growth and a good crop. 29-30—Unfavorable time to plant. 31—Unfavorable for everything except flowers.



This fine lawn produced in one year from X-L Seed, at the Robinson Dairy, Great Falls.



X-L Lawn Grass used on the stadium at the Great Falls High School

X-L DEPENDABLE LAWN GRASS SEED

FREE LAWN BULLETIN

It tells all about building a new lawn, preparing the seed bed, what to sow, maintenance and care, improving an old lawn, bent lawn, how to control lawn pests, etc. We will send it FREE with every order, if requested, or you may have a copy by writing for it, enclosing 3c for postage.

Based on years of experience, we offer well balanced mixtures of lawn grasses that will give best possible results for the purposes they are intended. We use only the very highest quality seeds, proven free from noxious weeds, and that will give quickest and most satisfactory results. The many beautiful lawns that have been produced with X-L Super Fine Lawn Grass, X-L Special Bent Formulae and X-L Shady Nook Lawn Grass, about private homes, churches, schools, and other public buildings are proofs of the exceptionally high-grade and suitable seeds used in these formulas.

X-L SUPER FINE LAWN GRASS

is the formula for a beautiful lawn. The ingredients are the choicest, top-grade grasses suitable for making a beautiful, durable, lasting lawn. Germinates quickly and roots deeply; these features enable it to withstand the intense heat of summer and the hard cold winter. Contains high percentage of heavy, hardy seeds of perennial grasses with small amount of clover. 1 lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.80; 25 lbs., \$8.75.

X-L WHITE DUTCH CLOVER

The little three and four leaf clover especially fine for lawns. Makes a close, compact growth and covers the ground like a carpet. Quick growing, thrives on any soil and enriches the soil. $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 2 lbs., 95c; 5 lbs., \$2.00 Great Falls.

AMOUNT OF SEED REQUIRED

Size of Plot	Square Feet	Quantity
10 x 20	200	1 lb.
20 x 50	1,000	5 lbs.
20 x 100	2,000	10 lbs.
40 x 100	4,000	20 lbs.
200 x 200	40,000	100 to 150 lbs.

For renovating use half these quantities.

CONTROL OF LAWN PESTS

Ants may be easily controlled by using Cyanogas. It comes in a special container with a spout to eject the powder into any hole. A heavy gas is formed which permeates the entire nest and destroys the colony. **Special 4-oz. container for ants, 35c postpaid.** Enough to kill 1,000,000 ants.

X-L SHADY NOOK LAWN GRASS

is especially adapted for growing in very shady places or near buildings where other grasses will not grow. The best creeping grasses used to build up a permanent sod. If you have a shady barren place, try our X-L Shady Nook. 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25 Great Falls, Mont.

X-L SPECIAL BENT FORMULA

A combination of the heaviest, finest recleaned Kentucky Blue Grass, Red Top, Creeping Bent and White Clover. A lawn seeded with this mixture and properly cared for will make every lawn a putting green. Your lawn once established with X-L Special Bent Formula lasts for years. 1 lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.75 Great Falls.

X-L SUPER KENTUCKY BLUE GRASS

Used more for lawns than any other grass. Slow to start, however, and should be mixed with other quick growing grasses. Forms close, thick turf and is very hardy. 1 lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00 Great Falls.

LAWN FERTILIZERS

A healthy lawn requires cutting every 7 days. A lesser growth indicates need of a balanced fertilizer.

We recommend **VIGORO**, the balanced fertilizer having all of the 11 elements necessary. 100 lbs., \$4.50; 50 lbs., \$2.75; 25 lbs., \$1.60; 10 lbs., 85c; 5 lbs., 50c; 1 lb., 10c F. O. B. Great Falls.

PLANTONE, likewise a most dependable all around fertilizer. Price, 100 lbs., \$3.95; 50 lbs., \$2.45; 25 lbs., \$1.45; 10 lbs., 85c; 5 lbs., 45c; 1 lb., 10c F. O. B. Great Falls.

ELIMINATE WEEDS

It is easy to eliminate weeds such as dandelion in the lawn by regular use of commercial fertilizers as this builds up an acid condition in the soil that grass thrives on but kills all weeds.

PEAT MOSS

Adds Humus to Your Lawn

Peat Moss is one of the best materials we know of to add necessary humus to your lawn. It is clean, odorless and has great water absorbing and retaining power. It is absolutely free from weeds and for this reason is much preferable to manure. Peat Moss makes heavy land more friable and sandy soil holds moisture better. Dig it into the top 4 in. for new lawns. On established lawns—a dressing applied in the late fall and again in the spring is very beneficial. **Per large bale (makes 22 bushels), \$4.00 F. O. B. Great Falls.**

X-L Brand Flower Seeds

Bring beauty and distinction to your home

All Flower Seed Postpaid Unless Otherwise Stated

HERE'S THE MOST FUN YOU CAN HAVE FOR A QUARTER

X-L Surprise Flower Garden Mixture

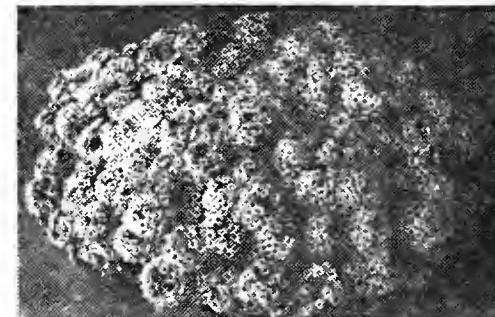
If you want a thrill and a real adventure in gardening this year be sure and sow this mixture liberally. You will be repaid by the many unusual varieties which will appear during the season. We buy for this mixture annual varieties which are attractive and easily grown but many of them little known, and the result is a continual succession of happy surprises. Plant freely but not too thickly (if too crowded together the plants will be weak and drawn and will soon fade away) and your reward will be a multitude of cut flowers all season. $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 80c; 1 lb., \$3.00.

KEY TO SYMBOLS:

- (A) Annuals—Attain full growth from seed, flower and die first year.
- (B) Biennials—They grow from seed the first year, bloom and die the next.
- (P) Perennials—Continuous bloomers the second year after sowing.
- (R) Rock Garden Plants.

ALYSSUM (A)

Unrivaled for edging plants, Alyssum are very easily raised and will stay in bloom throughout the entire summer. We especially urge you to try Lilac Queen this year.



Alyssum—Little Dorrit

206—SWEET ALYSSUM (A) 10 IN.

Flowers white and sweet scented, blooms all season until frost. Pkt., 5c; $\frac{1}{2}$ oz., 15c; 1 oz., 25c.

207—LITTLE DORRIT ALYSSUM (A) 4 IN.

The best white Alyssum for low growing border. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

208—LILAC QUEEN ALYSSUM (A) 9 IN.

Delicate lavender flowers which deepen in color with the approach of cold weather. During the last part of September they turn to a true deep lilac flower. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

209—SAXATILE ALYSSUM (P) 1 FT.

Masses of intense bright yellow flowers, very early. Excellent for rock garden and permanent border work. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

210—AMARANTHUS (A) 2½ FT.

A colorful foliage plant of red, yellow and green leaves. Pkt., 5c.

211—AMPELOPSIS (BOSTON IVY)

Rapid growing climber clinging to brick or stone. Dark green leaves which turn to crimson in the fall. Pkt., 10c.

212—ARABIS OR ROCK CRESS (P) 6 IN.

The spreading plant is covered with white flowers early in the spring. Excellent for rockeries. Pkt., 10c.

213—ARMERIA (P) 9 IN.

An early, deep red flower used in borders and rock gardens. Pkt., 10c.

214—AUSTRALIAN PEA VINE (P)

A rapid growing vine that produces large clusters of rose colored flowers. Pkt., 10c.



Ageratum—Blue Ball

ANCHUSA

204—SUMMER FORGET-ME-NOT (A) 2 FT.

Bears flowers in drooping clusters from July to October. Blossoms resemble Forget-Me-Nots, but are larger and of better color. Pkt., 10c; $\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 40c.

ANCHUSA

205—ITALICA "DROPMORE" VARIETY (P) 3 FT.

Hardy perennial that bushes out and makes a nice border. Flowers are produced all season. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Asters

215—SUPER GIANT LOS ANGELES (A)

This Award of Merit Winner is still our idea of the most remarkable Aster introduced in recent years. The flowers, 6 to 8 inches across, are a lovely soft shell pink, and are borne on long stiff stems. Despite the size, these flowers are very charming. Los Angeles will do best if started indoors and transplanted. Pkt., 20c; $\frac{1}{4}$ oz., 50c.

216—CALIFORNIA GIANTS (A) 2½ FT.

These double asters combine the robust habit of growth and length of stems that was so distinct in the Early Beauty type with the blossoms size of the Ostrich Feather. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

QUEEN OF THE MARKET (A) 16 IN.

A favorite early aster that blooms 2 weeks ahead of most other varieties. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
217—Rose, 218—Scarlet, 219—White,
220—Blue, 221—Finest Mixed

GIANT CREGO (A) 24 IN. (Ostrich Feather)

Flowers with curled petals are on long stems. The plants are strong and branching and remain in gorgeous flower from late August until frost.

222—Pink, 223—Blue, 224—Finest
Mixed
Pkt., 10c; $\frac{1}{4}$ oz., 30c.



X-L Asters. More people should raise these colorful flowers.

BABY'S BREATH
(See Gypsophila)

225—EARLY BEAUTY (A) 30 IN.

The large flowers are borne on stiff stems and are excellent for cutting.

225—Finest Mixed
Pkt., 10c.

226—HARDY ASTER (A) Michaelmas Daisy

Handsome daisy-like flowers of easy culture, blooming late when flowers are scarce. If seed is sown indoors very early and seedlings set in open they will bloom the first season. Do best in sunny location. Hardy perennial. Height 2 to 3 feet. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

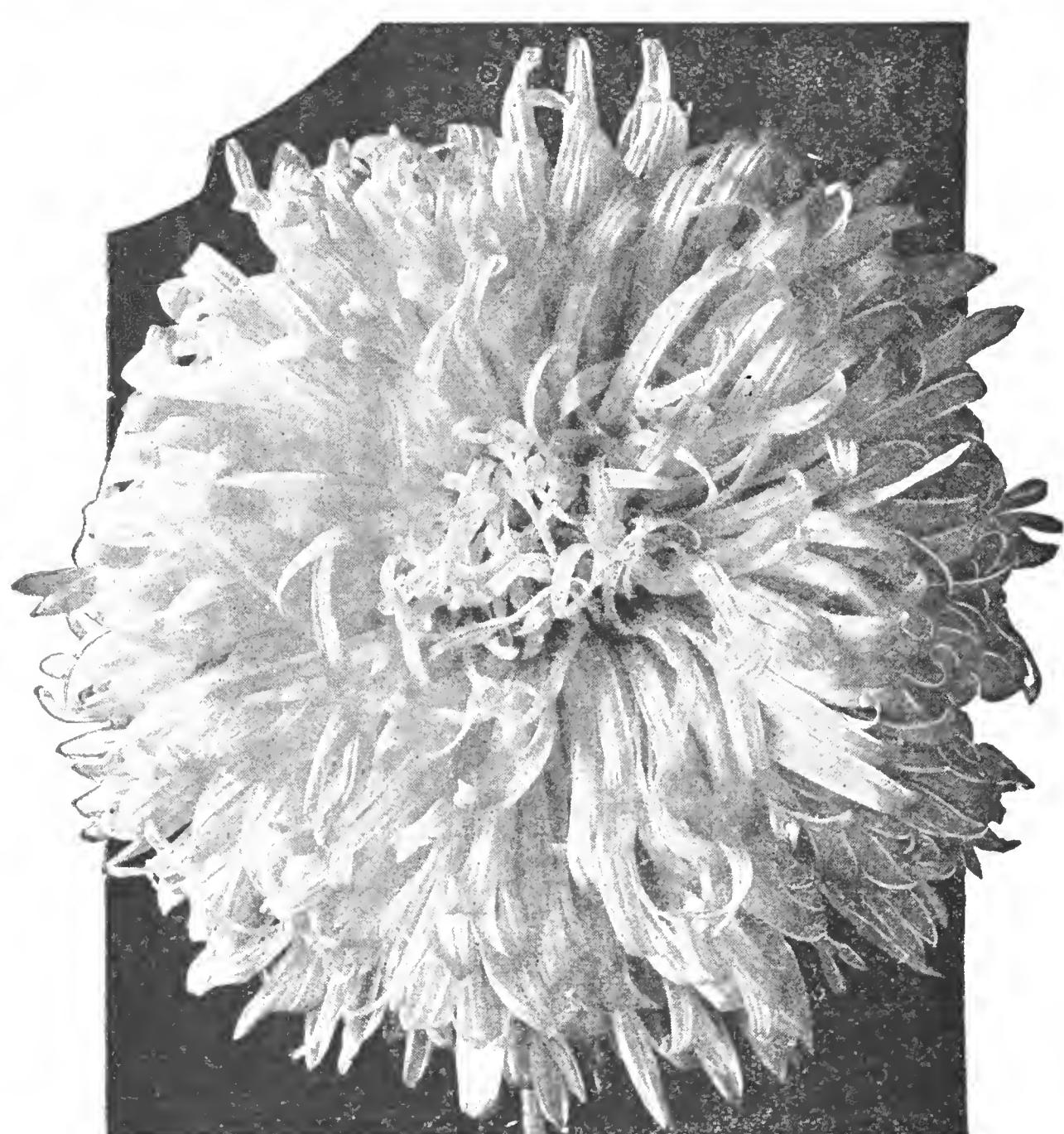
227—BELLIS PERENIS

The daisy-like double flowers are popular because of their bright color and long blooming period. Mixed colors Pkt., 10c; $\frac{1}{8}$ oz., 50c.

BABY BLUE EYES
(See Nemophila)

For Flowers, use
VIGORO

A balanced fertilizer that will bring your flowers into bloom earlier. See page 32.



Aster, Los Angeles

BACHELOR'S BUTTON (A) (24 in.)

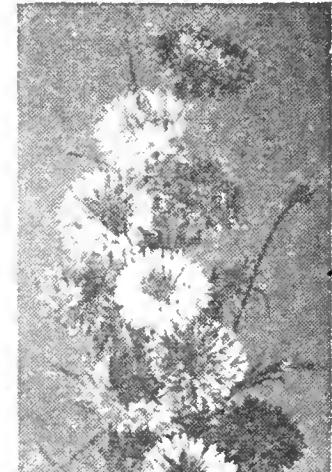
CORNFLOWER

228—DOUBLE MIXED

Very easy to grow and blooms continuously. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

229—DOUBLE BLUE

Florist strain, large type flowers, perfectly double. Combine this with orange flare Cosmos for a colorful bouquet. Pkt., 10c; $\frac{1}{4}$ oz., 25c.



230—BALLOON VINE (A)

A free growing vine 10 feet high. The seed pods resemble miniature balloons. Pkt., 5c.

231—BRACHYCOME (A) (Swan River Daisy)

These low growing plants are covered with dainty flowers that resemble small cinerarias. Very desirable for edging small beds and pot culture. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

232—CATHEDRAL BELLS Cobaea

One of the handsomest rapid growing climbers. The bell-shaped flowers open a clear green, but turn lilac. Seed should be sowed edgewise. Very vigorous and prolific bloomer. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

233—COLEUS

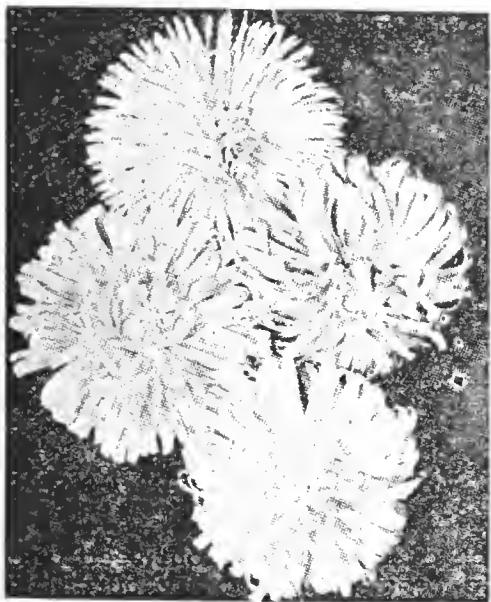
A large decorative foliage plant. No two plants alike in color. For beds, pot culture and also excellent for window boxes. Pkt., 10c.

Calendula

The most dependable flower for cutting, so easy to raise that they are always in children's gardens.

234—CHRYSANTHA OR SUNSHINE
Gold Medal Winner

Entirely free from the Calendula odor. Large double flowers. Beautifully formed and of a pleasing buttercup yellow color. Petals are so formed that they give the flower a globular effect. Pkt., 10c; $\frac{1}{2}$ oz., 30c.



Calendula Orange Shaggy

235—ORANGE SHAGGY
Gold Medal Winner

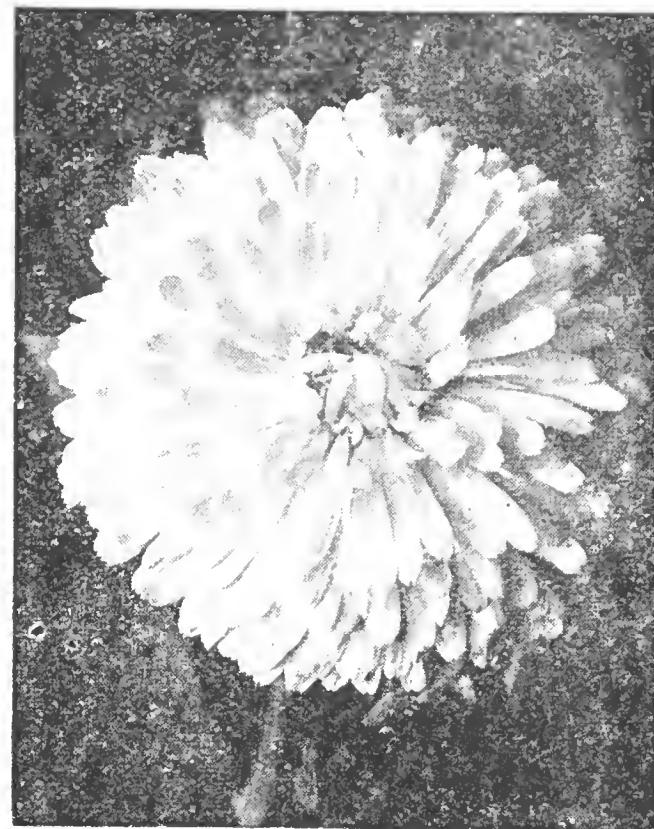
Petals are long and deeply fringed with edges overlapping in irregular fashion, thus accounting for the name. Color is deep orange shading to lighter orange in the center, giving a two-tone effect. Long stems, height 18 inches. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

236—ORANGE KING

A glowing orange flower; rather formal and abundantly carried on upright bushes. Pkt., 10c; $\frac{1}{2}$ oz., 30c.

237—RADIO—18 IN.

The flowers are medium size, clear orange petals are beautifully quilled, giving you something new in Calendula beauty. Pkt., 10c; $\frac{1}{4}$ oz., 25c.



Calendula Chrysanthia

238—DOUBLE MIXED CALENDULA

Light and dark shades of the standard Calendula. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

249—CARNATION (A)

A favorite flower for pot culture and may also be grown easily out-doors if started inside and transplanted. Mixed colors. Pkt., 10c.

250—HARDY CARNATION (P)

Deep red flowers 1 inch in diameter borne on long stiff stems. These plants branch. Plant increases in size from year to year and is one of the most desirable of all perennials. Pkt., 10c.

251—CARDINAL CLIMBER (A)

A strong rapid growing annual vine often reaching the height of 25 ft. Covered with fiery red blossoms about 1 in. in diameter. Does especially well in a sunny situation. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

252—CANARY BIRD VINE (A)

A dainty vine 15 ft. high with delicate flowers of clear canary yellow. Does well in shade. Pkt., 5c; $\frac{1}{2}$ oz., 30c.

253—CASTOR-BEAN (A)

RICINUS—8 FT.

Giant strong growing plants with large and colorful leaves, used for garden fences, etc. Pkt., 5c; oz., 25c.

254—CELOSIA (A)

COCKSCOMB



COCKSCOMB

An Easy Flower
to Raise



Annual Canterbury Bell

CAMPANULA (P)

**CUP AND SAUCER
CANTERBURY BILLS**

Everyone knows this biennial which inevitably seeds itself so that it remains permanently from year to year.

**245—Dark Blue, 246—Rose,
247—Finest Mixed**
Pkt., 10c; $\frac{1}{8}$ oz., 35c.

**248—ANNUAL CANTER-
BURY BILLS**

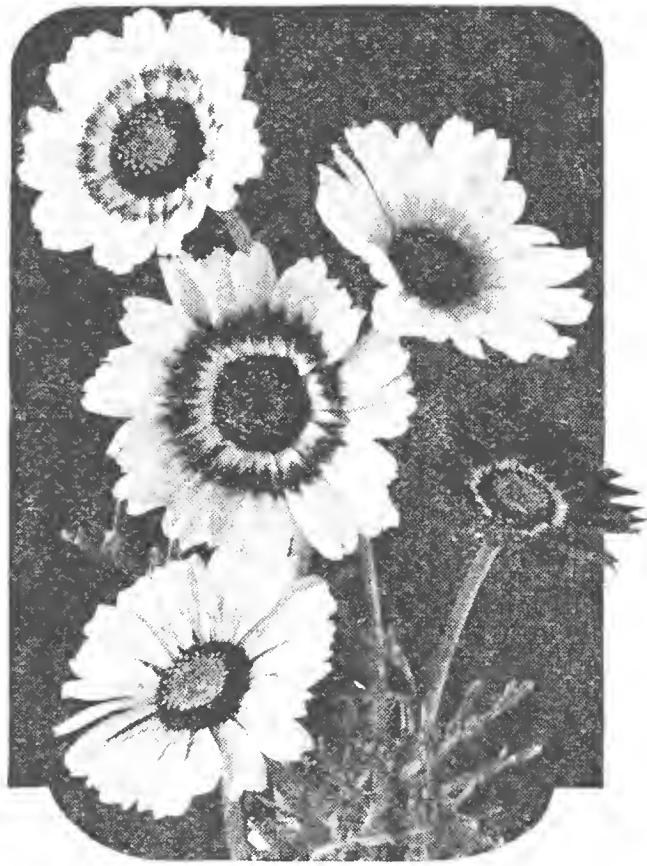
If started inside and transplanted will come into bloom early in the summer. Mixed colors. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

The vivid blossoms are sometimes gracefully arranged like plumes from which they get their name. They retain their brilliant coloring from mid-summer until frost. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

255—CHINESE WOOLFLOWER

Cluster flowers resemble balls of yarn with many blossoms on each plant. Pkt., 10c.

CHRYSANTHEMUMS (A)



Chrysanthemum Single Mixed

Summer blooming type of chrysanthemums are extremely easy to raise. They are very colorful and should be grown by everyone who likes flowers for cutting. 256—Single, 20 in., Pkt., 5c; $\frac{1}{4}$ oz., 25c; 257—Double, Pkt., 10c; $\frac{1}{4}$ oz., 25c.

258—CLARKIA (A) (2 ft.)

One of the most popular of all flowers because they are so easy to grow and their graceful beauty is unexcelled for bouquets. Our X-L strain is nearly 100 percent double. Finest mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

COLUMBINE (P)

259—Mrs. Scott Elliott Hybrids The blooms are large and the spurs very long. The soft pastel tones run the gamut of color from red to deep yellow. Pkt., 15c.

260—ROCKY MT.

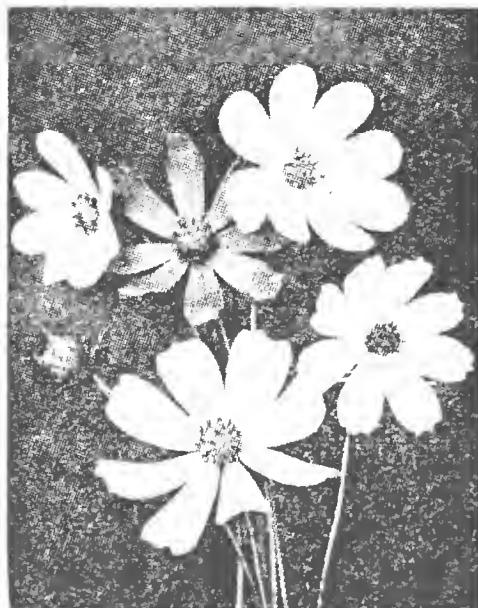
Pure blue; is not long spurred. Pkt., 10c.



Clarkia Double

Cosmos (a)

To provide bouquets all summer and fall.



Orange Flare Cosmos

261—ORANGE FLARE

(Gold Medal Winner)

We especially recommend this flower for Montana because of its earliness. Plant where it will receive the full sun and it will make a gorgeous sight from June on, being covered with orange flowers with a beautiful background of green foliage. We cannot be too enthusiastic about it. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Pick your Flowers while they are fresh and enjoy them in the House

262—COSMOS SENSATION PINKIE

(Pictured in natural color on back cover page)

The new Sensation type Cosmos, which incidentally was developed in Montana, is today the favorite for cut flower use. Flowers are of immense size, 4 to 5 inches across with broad, heavy fluted petals which slightly overlap. These large flowers are carried on very long strong stems, and are freely produced on plants which have fairly heavy growth of foliage and reach a height of 3 to 4 feet. They are comparatively early, although not as early as Orange Flare. Pinkie is a delightful rose-pink shade. Pkt., 25c.

263—EARLY FLOWERING SINGLE COSMOS

An early strain adapted to Montana that will do especially well on the light, sandy or poor soil.

263—Pink, 264—Crimson, 265—Finest Mixed Pkt., 10c; $\frac{1}{4}$ oz., 20c.

264-A—EARLY DOUBLE CRESTED COSMOS

The plants are covered with blooms and are most attractive for either garden or table decoration. They have beautiful double petals on long stems. Height 3 ft. Mixed. Pkt., 10c.

265-A—CYPRESS VINE (A) (10 ft.)

A very graceful, twining annual climber with delicate, fernlike foliage and a profusion of star-shaped blossoms. Mixed scarlet and white. Pkt., 10c; $\frac{1}{2}$ oz., 20c.

266—DAHLIA (A) (3 ft.)

For Dahlia Tubers See Page 31

All types of Dahlias may be grown easily from seed and will bloom the first year. We promise you many surprises in the types and colors that you will produce from the same package. Pkt., 10c.

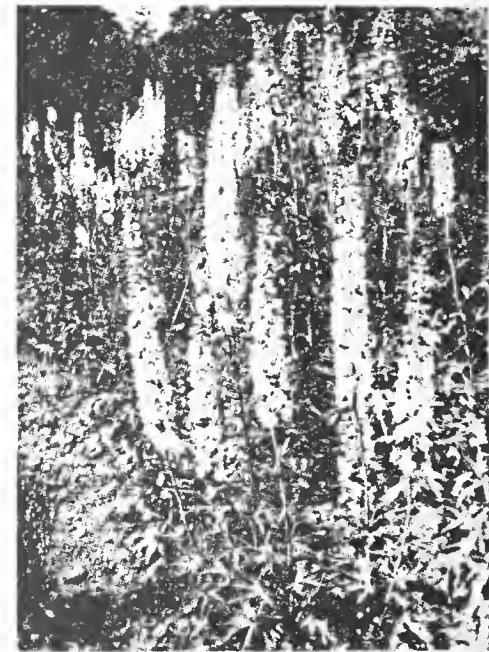
267—DIANTHUS (A) (1 ft.)

Single flowering large Jap Pinks. Flowers are 2 to 3 in. in diameter; pink, rose and white and many with rose and red centers. Pkt., 10c.

268—DELPHINIUM (P)

LARKSPUR—2 TO 3 FT.

Modern Delphinium has become the outstanding flower in the perennial border. In good soil they will grow 6 feet tall with huge spikes of delicate shades. If the blossom is cut down a second flowering spike is produced in the same season. The X-L strain has been a consistent winner in flower shows for several years. Pkt., 10c.



X-L Blackmore and Langdon Delphinium. A wonderful background flower.

269—DIGITALIS (P)

FOXGLOVE—3 TO 5 FT.

A stately ornamental plant especially adapted for perennial borders and for planting among shrubbery. They are distinctly beautiful with their tall long spurs of brilliant colors. Pkt., 10c.

270—DOLICHOS

HYACINTH BEAN

Rapid annual climber, leaves are quite large and provide good shade, with their violet colored flowers that resemble sweet peas. Pkt., 10c; oz., 30c.

DOUBLE DAISY

(See Bellis)

271—DIDISCUS

Blue Lance Flower (A) 3 Ft.

A flower finely adapted for bouquets by reason of its shape, size and delicate colors, which are light blue or lavender. Pkt., 10c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c.

272—DUSTY MILLER

A foliage plant that looks well in window boxes or in beds in the garden. The leaves are silvery white. Pkt., 10c.

273—EUPHORBIA (A)**SNOW ON THE MOUNTAIN—2 FT.**

A strong growing annual that looks especially well in mixed borders. The foliage is very ornamental and works in well with most bouquets. Pkt., 10c.

274—FORGET-ME-NOT (P)

6 to 8 Inches

These dwarf plants do fine in damp shady places. The early dwarf blue variety is considered one of the best for borders and for rock gardens. Pkt., 10c.

275—FOUR O'CLOCK

This old-fashioned flower of bushy habit bears profusely. Flowers are white, yellow, crimson and violet. As a hedge plant, its glossy foliage is closely set and dotted all over in the afternoon with a multitude of flowers. Roots may be lifted in the fall and stored like Dahlias to be replanted in spring. This will result in larger plants, with more flowers. Mixed. Pkt., 5c; oz., 25c.

FOXGLOVE

(See Digitalis)

276—GAILLARDIA (A)**BLANKET FLOWER—20 IN.**

Orange and yellow flowers with dark centers. Continually in full bloom from early summer till fall. Pkt., 10c.

277—GAILLARDIA PERENNIAL SINGLE

One of the best perennials for cut flowers. Blooming continuously from June till late frost. Pkt., 10c.

278—GERANIUM (P) (2 ft.)

Will grow from seed and many new varieties will be found in each package. Plants should be taken indoors before frost. Pkt., 10c.

279—GODETIA (A)

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil. If more people would try Godetia they would soon become as popular as zinnias. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

GYPSOPHILA

Baby Breath

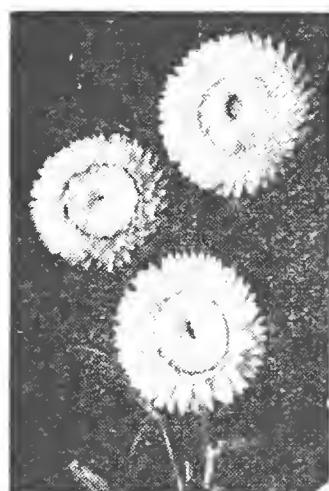
These mist-like flowers are well known for finishing and filling out bouquets. They will thrive almost anywhere and can be had in both annual and perennial.



Godetia

280—ANNUAL LARGE FLOWERING WHITE (2 FT.)Pkt., 5c; $\frac{1}{4}$ oz., 15c.**281—ANNUAL PINK**Pkt., 10c; $\frac{1}{2}$ oz., 20c.**282—PERENNIAL DOUBLE WHITE**

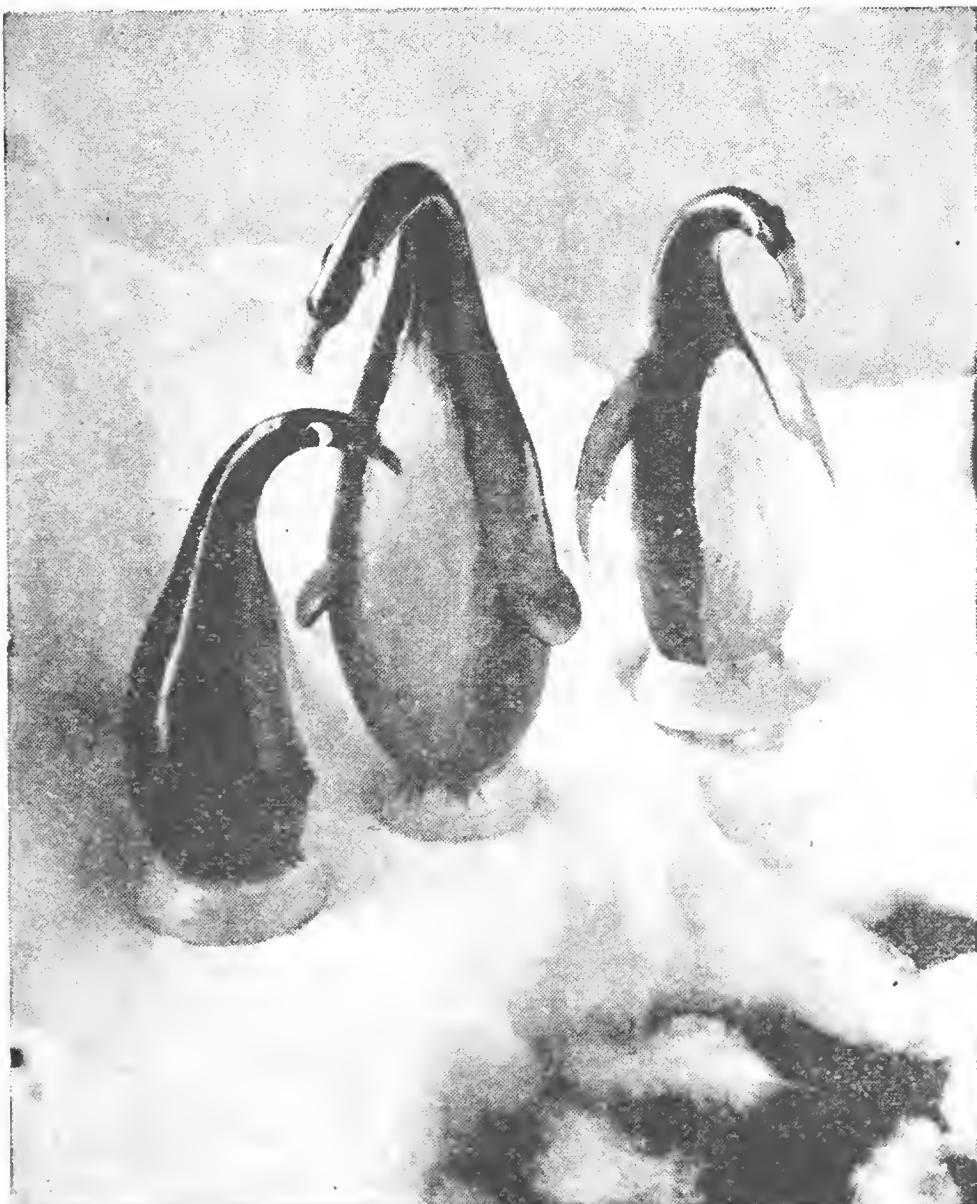
An exceptionally fine variety.
Pkt., 10c; $\frac{1}{4}$ oz., 30c.



Helichrysum

291—HELICHRYSUM**STRAWFLOWER (A) 30 IN.**

A beautiful flower when growing, and a prize for winter decoration of vases and for table bouquets. Flowers for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place. All colors mixed.
Pkt., 5c; $\frac{1}{8}$ oz., 20c.



Ornamental Gourds

It is now a very popular pastime to decorate all the different ornamental gourds with various colored paints in an artistic way, such as birds, animals, toy characters, or to use them either singly or in clusters for household ornaments. Dried gourds decorated and shellacked, or even in their natural colors are profitable to sell. They may be grown in the garden with the same culture as squash or pumpkins, or they may be trained on trellises, fences, arbors, or even into trees. Very easy to grow. We have the following varieties: **283** Calabash, **284** Bird's Nest (Hour glass shape), **285** Caveman's Club (knobby globe shape, dark green), **286** Table, **287** Dish cloth or bath sponge, **288** Giant bottle, **289** Hercules club, two to three feet long, club shaped, **290** Small varieties mixed. Any of above varieties, Pkt. 10c.

292—HOLLYHOCK

Hollyhocks are truly a perennial plant, but are planted early in April and will generally flower the first year. Our seed is of choicest double varieties. Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

293—HUNNEMANNIA

These golden yellow poppies are borne on shrubby bushes about 1½ feet high. Petals are broad and crinkled, and its effect is very pleasing both in the borders and bouquets. Pkt., 10c.

HYACINTH BEAN

(SEE DOLICHOS)

294—HELIOTROPE (A)

A fragrant and beautiful flower that lasts for a long time. For best results seed should be sowed inside early in the spring and transplanted. Mixed colors. Pkt., 10c.

295—JAPANESE HOP (A)

A charming climber attaining growth of 20 to 25 feet in a few weeks. Not injured by insects or by heat, and the vine retains its beauty until frost. Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c.

KOCHIA

(See Mexican Fire Bush)

296—KUDZU VINE (P) (50 ft.)

A permanent vine that makes good growth the first year. Flourishes where nothing else will grow. Large leaves of brightest green afford a dense shade. Flowers dark purple. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

297—LANTANA (P) (1½ ft.)

A beautiful perennial with Verbena-like flowers in shades of yellow, orange, and red. Plants should be protected during the winter, or if taken in and placed in pots they are beautiful as house plants throughout the entire winter. Pkt., 10c.

298—LATHYRUS (P)

PERENNIAL SWEET PEA

A climbing plant with choice clusters of sweet pea-like flowers. Succeeds in almost any kind of soil and location. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 65c.

Larkspur

An exceptionally easy flower to grow and very desirable for bouquets or for bedding. Our X-L strains have been improved so that they are nearly 100 percent double and have exceptionally long spurs. For early flowers fall planting is recommended. To hasten germination in the spring and summer, it is recommended that the seed be chilled several days in the refrigerator. Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c.



X-L Annual Larkspur

299—DARK

BLUE

300—PINK

301—WHITE

302—LILAC

303—LUSTROUS
CARMINE

Above colors—
Pkt., 10c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 40c.

304—FINEST

MIXED

Pkt., 5c; $\frac{1}{4}$ oz., 20c; $\frac{1}{2}$ oz., 35c; oz., 60c.

305—LAVATERA

ANNUAL MALLOW

Last year we urged our customers to try this very choice and easy to grow annual. Because of the enthusiastic compliments we have received, we know that their neighbors will also plant this year. Plants are bushy and about 2 feet high. Blossoms are large, satiny, and of a rosy carmine shade. This plant does very well in a sunny exposure, and will grow in the poorest kind of soil. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

306—LINUM OR SCARLET FLAX (A) (10 in.)

A well known showy and effective bedding plant. Flowers are deep crimson with black centers. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

307—PERENNIAL FLAX (P) (18 in.)

Same type flower as Scarlet Flax, but grows 6 or 8 inches higher. Will sometimes blossom from seed the first year and is very hardy. Color clear light blue. Pkt., 10c.

308—LOBELIA (A)

DWARF CRYSTAL PALACE—4 IN.

This variety is the deepest blue of Lobelias. It has very dark foliage and is excellent for edging. Pkt., 10c; $\frac{1}{8}$ oz., 60c.

309—LUPIN (A) (18 in.)

You will find that Lupins are very easy to grow if you will inoculate them before planting with nitrogen. These beautiful perennials have long spikes in all the pastel shades from June until September. Do very well in sandy soil. Pkt., 5c; $\frac{1}{2}$ oz., 20c.

—Ideal for Cutting

—Ideal for the City Garden

X-L Ideal
Flower
Collection

—Ideal where
Water, Good
Soil, Experience,
Time and Money
Are at a
Premium



We believe this to be the most practical assortment of flowers that one can plant for continuous blooming throughout the summer. It contains only those varieties that anyone can grow under almost any kind of conditions. Special thought has been given to selection of good cutting flowers and varieties that require a minimum amount of water. It is especially adapted for farm homes.

This collection contains one packet of each of the following:

SWEET ALYSSUM, white. Used for edging in the flower garden and for mixing in bouquets.

CANDYTUFT, mixed. Colorful cutting flower.

COSMOS, early mixed. Used for background. Unexcelled for cutting.

AFRICAN DAISY, mixed. Pastel shades for cutting.

FOUR O'CLOCK, mixed. Very colorful and of value where summer hedge is desired.

PORTULACA, double mixed. "Try and keep it from blooming."

ZINNIA, dahlia flowered mixed. You know how this is for cutting.

CORNFLOWER OR DOUBLE BACHELOR BUTTON, mixed. Will provide bouquets all summer.

One package of each of the above flowers complete with cultural directions postpaid to you for only

—Ideal for Busy Farm
Housewives

—Ideal for the Children's
Garden

49c

Marigolds (a)

Now you MUST plant Marigolds. The new varieties are either odorless or sweet scented, thus removing the one objection that this most popular flower had.

310—SUNSET GIANTS

(See natural color picture on back cover)

Sunset Giants: We introduced this as a novelty in 1937 and it received the most enthusiastic response ever accorded a new flower. Sunset Giants are the very largest Marigolds, developing flowers averaging 5 inches in diameter, while some growers have reported blossoms as wide across as 7 to 8 inches. The definite sweet scent of the flower makes it very desirable for cutting. The flowers, full centered of fairly loose formation, with broad heavy petals gracefully overlapping, are of great depth and the color is generally a deep golden orange. It comes into bloom in this section during August. For earlier blooms plants should be started inside. Flowers are over 90 percent double. Since we were able to secure more seed this year we are able to reduce the price over last year. **Pkt., 20c; 2 for 35c.**

311—GUINEA GOLD

This carnation flowered type produces from 30 to 40 flowers to each bush. They are usually 2 to 2½ inches across, brilliant orange flushed with gold. The odor is quite mild, flowers early and excellent for cutting. **Pkt., 10c; ½ oz., 30c.**

312—YELLOW SUPREME

A large bloom of delicately mild honey fragrance, with broad, loose, frilled petals of a rich, creamy lemon-yellow. Holds freshness fully a week to 10 days when cut. Plants are remarkably healthy, vigorous and free branching with foliage which is practically free from that objectionable Marigold odor. **Pkt., 10c.**

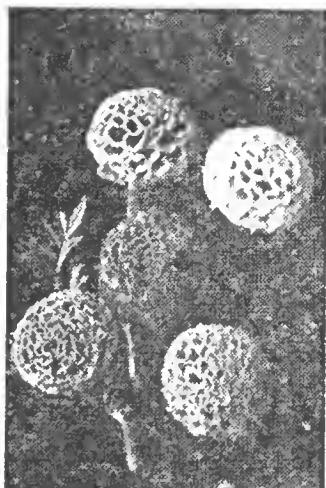
313—CROWN OF GOLD

This flower is the only gold medal winner in the All American selection for 1937. It was given much publicity which seemed to have been justly deserved. It has absolutely no trace of the Marigold odor in the foliage, stems or flowers. Flowers are medium size, about 2½ inches in diameter, are a lovely orange shade with a full crested center followed by a single row of broad guard petals. Unusually good for cut flowers. Blossoms early and lasts well. **Pkt., 15c.**

314—DWARF FRENCH MARIGOLD

(A) 10 to 12 Inches

Beautifully marked flowers of all shades of yellow and brown. **Pkt., 5c; ½ oz., 25c.**



Marigold French Dwarf

315—LEMON BALL

30 Inches

A splendid bright lemon yellow flower of good size and practically all double. **Pkt., 10c; ½ oz., 25c.**

316—ORANGE PRINCE (A)

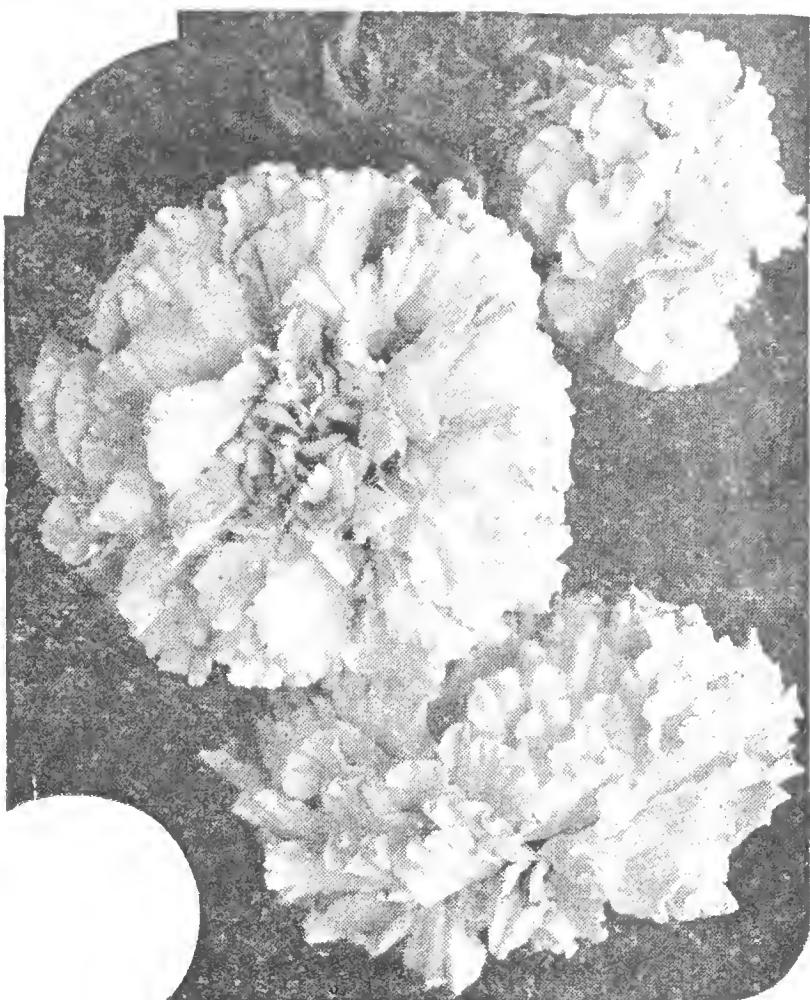
A double African Marigold with large double quilled flowers of a rich golden orange. **Pkt., 10c.**

317—DOUBLE AFRICAN MIXED

A well-balanced mixture of the tall African sorts. **Pkt., 5c; ½ oz., 25c.**

MATHIOLA

(See Evening Scented Stocks)



Yellow Supreme Marigolds

318—MEXICAN FIRE BUSH

(A) 3 TO 4 FT.

You have admired this easy-to-grow annual hedge during the summer when it is dark green and in the fall after it has changed to brilliant red. Very easy to grow. **Pkt., 5c; ¼ oz., 20c.**

319—MIGNONETTE (A) (1 ft.)

This well known sweet scented flower should be planted in April and in July so that a succession of blooms may be had from early summer until heavy frost. **Pkt., 5c; ½ oz., 25c.**



Kochia

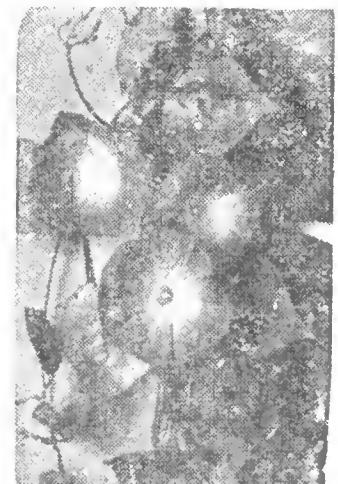
320—MOSQUITO PLANT (6 ft.)

An annual novelty plant that draws mosquitos. It is recommended for planting away from the house so that mosquitos are attracted to areas where they will not bother people. **Pkt., 10c; oz., 25c.**

MORNING GLORY

(A) 10 TO 15 FT.

There is plenty of reason why the improved Morning Glories are more popular than ever. Flower size has been increased so that they are often 4 inches across. They bloom much earlier and the color has been improved greatly. Foliage is also much thicker so that it provides more shade. To hasten germination it is advisable to nick through the hard outer shell with a knife or file. They should be planted in a sunny exposure, in sandy soil, and for an abundance of flowers should not be fertilized too much.



Heavenly Blue Morning Glories

323—MOONFLOWER

(A) 10 TO 15 FT.

A rapid grower with beautiful large white blossoms which open in the evening. Splendid for shade. Pkt., 10c.

MOURNING BRIDE

(SEE SCABIOSA)

Nasturtiums

Have Taken a New Lease on Life

(A) 12 IN.



Scarlet Gleam

326—GLOBE MIXTURE

An improved variety of hybrids that includes Golden Globe, Scarlet Globe, and many of the pink shades. Pkt., 10c; oz., 35c.



Globe Mixture

REGULAR GARDEN NASTURTIUMS

327—DWARF MIXED

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c.

328—TALL MIXED

or climbing variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c.

329—NEMOPHILIA

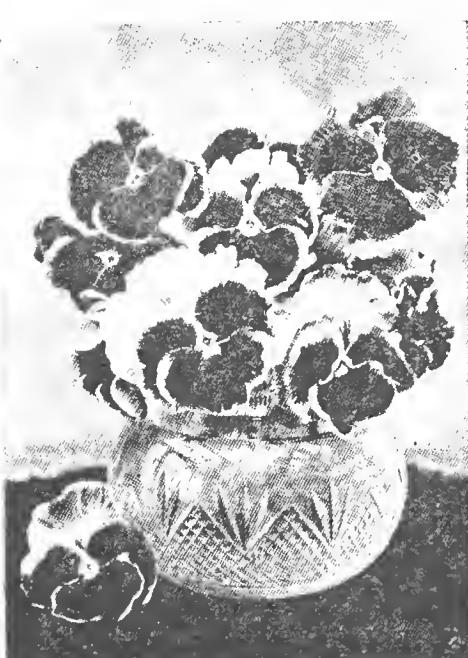
(A) 8 IN.

A hardy little plant covered with tiny blue flowers that makes an effective front row to a bed or border. Sow out-of-doors or can be used for pot plants. Pkt., 10c.

330—NICOTIANA

Sweet Scented Tobacco Plant (A) 2 Ft.

White and pink star shape flowers borne on long stems. Very sweet scented and long blooming. This annual is very easy to raise. Pkt., 10c.



GIANT PANSIES

331—OUR X-L GIANT MIXTURE

is especially selected for color and size. Many are ruffled and wavy and practically all the deep contrasting colors that appeal to everyone. Pkt., 10c.

332—KING OF THE BLACKS

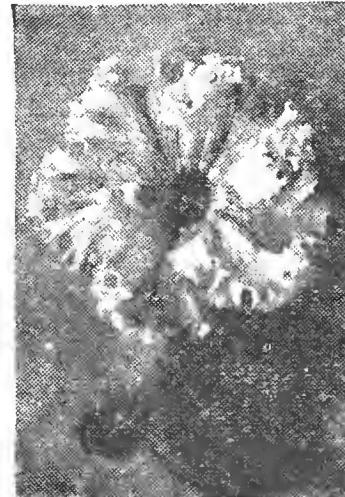
Almost jet black. Flowers of immense size. Pkt., 10c.

For Pansy Plants
See page 30.

Petunias

333—GIANT RUFFLED MIXED

Blossoms are very large, frilled and waved, and very often are confused with the double type. Colors range from dark to light pink and white shades. We advise starting plants inside; being very careful that the fine seed is merely pressed into the soil and not covered. Water very carefully to prevent seed from washing out. Pkt., 25c.



X-L Giant Ruffled

335—ROSY MORN

A bright rosy pink with a silvery white throat. X-L extra select seed assures you of dwarf, compact plants covered with blossoms. Pkt., 10c.



336—BALCONY PETUNIA

Single large flowers of semi-trailing habit. Used in window boxes and for massed bedding. All colors mixed. Pkt. 10c.

X-L Rosy Morn Petunias bordering
Lily Pool. Mr. D. A. Sheehan,
924 Second Ave. SW.

337—SALMON SUPREME PETUNIA

(See Inside Front Cover)

The highest All-American award winner for 1938. This beautiful new petunia supplies the color you want. Flowers when first opening are of a rich satiny color, changing as they mature to a glistening soft salmon pink. Plants are quite spreading and have uniform height of about 1 foot. They branch profusely and are covered with blossoms. Their tidy and nicely rounded form remains throughout the season. Grow this improved and better type flower this season and win the admiration of all of your friends. Seed stock limited. Order early. Pkt., 35c.

ANNUAL PHLOX

12 to 15 in.

If you are crowded for room, eliminate some other flower and save a place for Annual Phlox. They are easy to raise and a bed properly planted will give you a sheet of color from early in the summer until late fall if you will keep the faded flowers removed. They are also splendid for cutting.

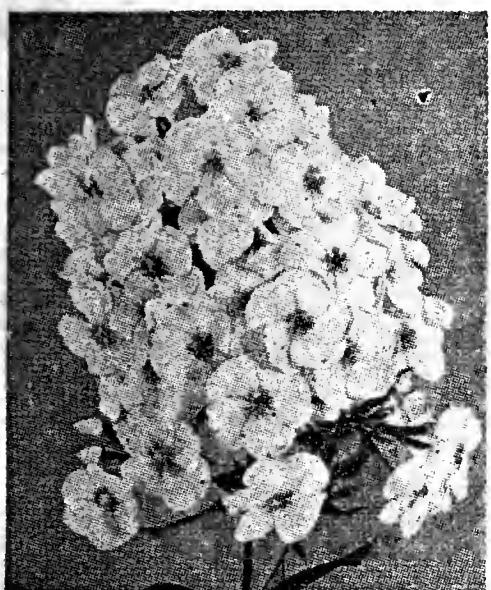
338—White, 339—Yellow, 340—Lilac, 341—Scarlet, 342—Mixed Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{2}$ oz., 40c.

343—NEW ART SHADES

An improvement which gives you a much larger blossom in delicate pastel shades. Pkt., 15c; $\frac{1}{4}$ oz., 40c.



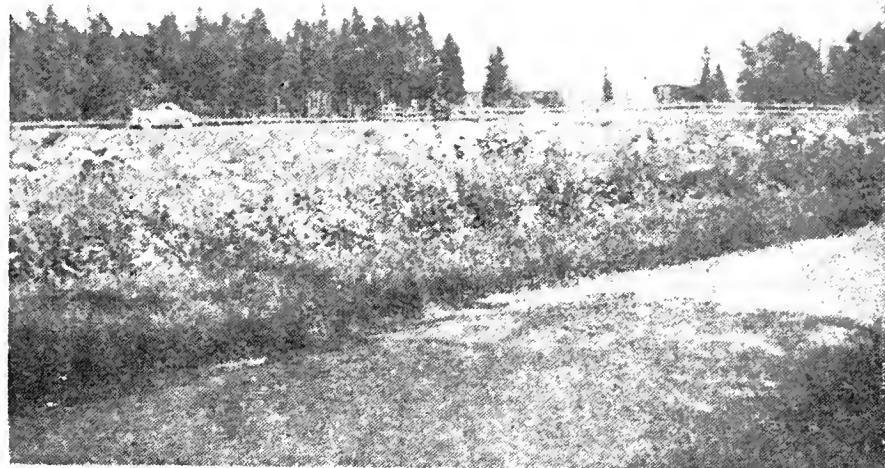
Annual Phlox



Perennial Phlox

344—PERENNIAL PHLOX

In the past this beautiful perennial has been difficult to grow from seed, and the plants were usually too expensive to permit everyone to have as many as every garden deserves. Now by freezing the seeds in the ice trays of a refrigerator for three days and letting them thaw out gradually, they will germinate in about five days and are as easy to start as sweet peas. Our seed is saved from selected plant varieties, giving you the best in colors and in large type flowers. Pkt., 10c; $\frac{1}{8}$ oz., 30c.



Fakenham Hybrid Iceland Poppies at Glacier Park, Montana.

PINKS (See Dianthus)

PHYSALIS (See Chinese Lantern)

Poppies for Color

ANNUAL

Sow them early since they can stand frosts. They will flower quickly from seed and if successive plantings are made, they will supply continuous bloom. Seed will go farther if mixed with sand.



Shirley Poppy

345—SHIRLEY POPPIES

Single 1½ ft. High

The silk-like petals provide an almost endless number of colors. Pkt., 10c; $\frac{1}{4}$ oz., 20c; 1 oz., 50c.

346—TULIP POPPY

20 in.

Large tulip shaped flowers of dazzling scarlet. Pkt., 10c; $\frac{1}{2}$ oz., 30c.

347—CARNATION FLOWERED

2 ft.

This large double type resemble peonies. Full double fringed. Pkt., 5c; $\frac{1}{4}$ oz., 15c.



X-L Salpiglossis

Salpiglossis (A) (30 in.)

This is another flower that we feel should be on every flower lover's list. It is especially easy to grow. The Salpiglossis in appearance is an aristocrat. It is rich in deep color tones which are set off by veins of gold. Be sure and give Salpiglossis plenty of room, plant as early as possible in the place where it is to grow to avoid transplanting. Do not water, but keep on the dry side. Its blossoms are similar in shape to Petunias and are borne on strong stems. Excellent for cutting. 354—Emperor Mixed, Pkt., 10c; $\frac{1}{4}$ oz., 25c; 355—Velvety Red, Pkt., 10c.

356—Salvia (A) (12 to 15 in.)

We have secured an extra early variety for our Montana customers. This variety, Zurich, has scarlet red blossoms borne on stiff spikes. For early flowers start inside and transplant. Pkt., 10c.

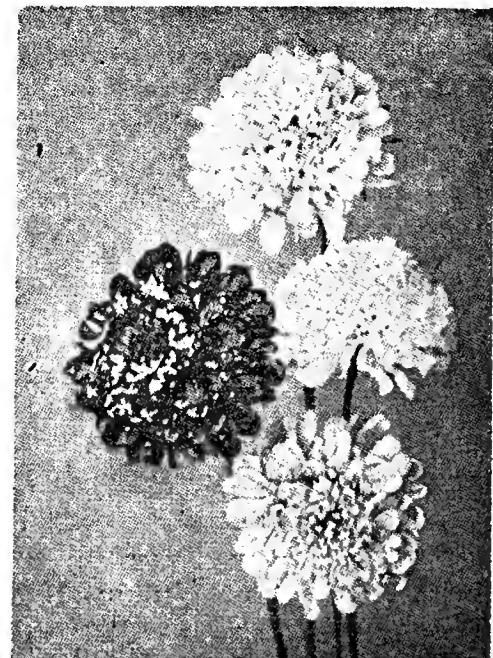
SCABIOSA (A)

More people should know the improved type of the old fashioned Mourning Bride. Blossoms are about 3 inches in diameter with long stiff stems 10 to 15 inches long. They will keep well in vases for over a week at a time. The white stamens extend above the petals, giving it the common name of Pin Cushion Flower.

357—Lavender, 358—Dark Red, 359—White, 360—Dark Purple

Pkts., 10c

361—Mixed Colors
Pkt., 5c.

X-L Scabiosa
Mourning Bride

349—Fakenham Hybrids Iceland

(See Inside Front Cover)

Everyone remembers the wonderful display of Iceland Poppies on the Hotel grounds at Glacier Park Station. You, too, can easily create such a display by planting these new hybrids. Stems are of a great length, stiff, and the large flowers remain in perfect condition for cutting for several days. These poppies will flower well throughout the summer and increase in size from year to year. Although perennial, it will bloom from seed the first year. Colors range from pure white through yellow and orange to red. Pkt., 10c.

350—ORIENTAL POPPIES

This old favorite perennial has been improved in size of flower and length of stem. They are colored deep red with dark center. Greatly in demand for cut flowers. If seed is started inside and transplanted, it will sometimes bloom the first year. Pkt., 10c.

362—PERENNIAL SCABIOSA (18 in.)

They are in blossom from June until October. Require little space and thrive in poor soil. Flowers are generally in dark shades of blue and lavenders and are borne on long erect stems and are excellent for cutting. Pkt., 10c.

363—SCARLET RUNNER BEANS (A)

A splendid ornamental climbing bean bearing handsome large sprays of bright scarlet, pea-shaped blossoms with large showy foliage. Gives ample shade. Pkt., 5c; 1 oz., 15c; $\frac{1}{4}$ lb., 30c.

364—SCHIZANTHUS

The little blossoms that cover this plant resemble miniature orchids. They are very easy to raise and will do well in the garden or may be potted. Pkt., 5c.

365—SHASTA DAISY (P) (3 to 4 ft.)

Our strain is the New Conqueror type which is much larger than the old variety of Shasta Daisy. They are pure white with yellow eye and are carried on long stiff stems. Pkt., 10c.

SNAPDRAGON (A)

"You can't leave out Snapdragons"

Our strains have been improved so that they are early enough to sow in the open ground and have blossoms from the latter part of July until heavy frost. Flowers are large and fill out each spike without the objectionable bare spots which were common in these flowers. While the flower spike is large the entire plant is of medium size.

366—Giant Red, 367—Giant Pink, 368—Giant Yellow

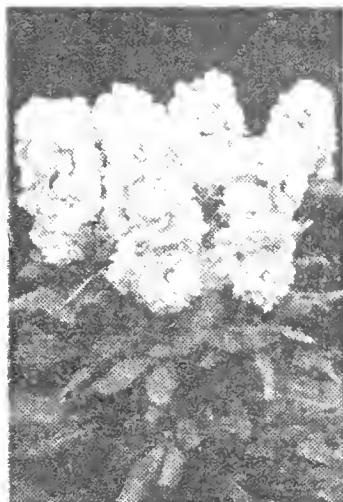
369—Giant Mixed

Pkt., 10c.

370—STATICE (P) (2 ft.)

These plants bear purplish blue everlasting flowers. Are of very easy culture. Hardy perennials. Two feet. Pkt., 10c; $\frac{1}{4}$ oz., 40c; $\frac{1}{2}$ oz., 70c.

STOCKS (A)



X-L Improved Stocks

377—EVENING SCENTED STOCKS (A)

(15 in.)

(*Mathiola Bicornis*)

Lilac flowers which in the morning, evening and after a shower emit a delicious perfume perceptible at a considerable distance. Pkt., 10c.

SUN-FLOWER (A) (*Helianthus*)

378—DOUBLE CHRYSANTHEMUM

Remarkable for the stately growth, size and brilliance of their flowers, making a very good effect among shrubbery and for screens.

A very fine variety growing 7 feet high, carrying very large and showy densely double blooms which resemble a huge Chrysanthemum or Dahlia in their exquisite form. The flowers are made up of thousands of graceful, rich golden yellow petals. Pkt., 5c; $\frac{1}{2}$ oz., 25c; oz., 40c.

379—MAMMOTH RUSSIAN

Is largely planted for seed. It also makes a good wind-break and a very ornamental background. Pkt., 5c; oz., 10c.

380—IMPERIALIS

GIANT SWEET SULTAN—2½ FEET

Finest of all Sweet Sultans for cut flower purposes. The beautiful sweet-scented, artistic shaped flowers are borne on long, strong stems; when cut and put in water will last for several days. Mixed colors. Pkt., 10c.

381

Sweet William

(P) (15 in.)

See natural color picture
on inside front cover



X-L Sweet William
An old favorite that is glorified
by our X-L improvements.

382—TRITOMA (P)

This is a beautiful flower, but to be successfully raised the roots should be taken in and re-set in the spring, same as Dahlias. Flower spikes are about 15 inches high borne well up above the leaves and resemble a flaring torch. Pkt., 10c.



X-L Verbena

VERBENAS (A)

Mammoth Verbenas may be easily grown by sowing the seed in the open as soon as possible or for early blossoms by starting the plants inside. They are especially fine for bedding and porch boxes.

383—Pink, 384—Scarlet, 385—White, 386—Purple, 387—Mixed. Pkt., 10c.

VIOLA

388—JERSEY GEM

This is the best of all Violas. The short bushy plants will bloom throughout the entire summer. The flowers are rich pure violet. Pkt., 25c.

389—VIOLETS

Sweet Violets are the well known hardy little plant so often connected with romance. Culture similar to Pansy. Pkt., 10c.

WALLFLOWER

It is too bad that more people do not know these easily grown flowers. They are excellent for cutting, being rich in reds and yellows. They are tender and will do best if started indoors and transplanted.

390—Annual Single Mixed. Pkt., 5c; $\frac{1}{8}$ oz., 20c.

391—Annual Double Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

392—WILD CUCUMBER

An ornamental climbing Cucumber with curious fruit; remarkable for its luxuriance and rapidity of growth. Best results will be had by sowing in the fall as germination is rather slow. To hasten germination in the spring the seeds may be soaked in warm water for at least 24 hours before planting. Pkt., 5c; $\frac{1}{2}$ oz., 20c.

393—WILD FLOWER GARDEN

Old Fashioned Garden

A mixture that is easily grown. Annual flowers which will give a natural or wild effect in the garden, odd corners and vacant borders where one cannot give attention to individual plants. These are not wild flowers but a mixture that we put up from our regular stock. Pkt., 5c; 1 oz., 30c.

ZINNIAS (a)

394

LILLIPUT ZINNIA—Pastel Shades

See picture in natural colors on back cover

Despite the great variety of new types of Zinnias the Lilliput or Pompon has had no difficulty in maintaining its popularity. Flowers are particularly fine for cutting for bouquets because of their neat compact habit and of their small size, stems are long and straight for cutting. These new mixtures of Lilliput Zinnias combine the soft lovely shades of apricot, creamy yellow, shell pink, delicate salmon, light rose, and orchid which are the prime favorites in colors with florists and cut flower growers. Plants are 12 to 15 inches high and are early blooming. Pkt., 25c; $\frac{1}{4}$ oz., \$1.00

395—NEW ZINNIA

LINEARIS

See picture on back cover

This dwarf variety is the most unusual and interesting of the types of Zinnias. Flowers are single and of a lovely shade of color, orange with stripes through each petal, the center is dark brown. Blooms extremely early, commences to flower when plants are about 6 inches tall and continues throughout the entire season until frost. It never becomes untidy looking as the dozens of new flowers prevent the sight of the faded flowers. Plants average 10 inches high and if not crowded will spread to as much as 2 feet by the end of the season. The stems are of such length that it is not outstanding as a cut flower yet you will find that it will work well in the miniature bouquets that you know are so popular. Pkt., 25c; $\frac{1}{4}$ oz., \$1.00.

396—LILLIPUT OR POMPON—REGULAR 12 to 18 in. Tall

Blossoms are double and are from 1 to $1\frac{1}{2}$ inches across. Used for bedding, borders and cut flowers. Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

397—RED RIDING HOOD

Here is another flower that we insist you add to your "Must Plant" list. Flowers are a deep red, double and average about 1 inch in diameter. It is exceptionally free flowering and makes a delightful showing either in the garden or in bouquets. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

398—FANTASY

Award of Merit, All American Selection for 1935. Finest mixed, a bright colorful mixture, shaggy petals, medium size double flowers. Excellent for cutting since they lend themselves gracefully to flower arrangements. Pkt., 10c.

X-L California Giant
Zinnias grown by Mrs.
R. J. Klau, 1119 Third
Ave. N., Great Falls.
Many measured over
5 inches in diameter.



Tom Thumb
Lilliput Zinnias

CALIFORNIA GIANTS

Immense flowers borne on stems 3 to 4 feet long, very free flowering, with a large flat flower giving a graceful effect.

399—Mixed Colors
Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz.,
50c; 1 oz., 85c.

California Giants can also be furnished in the following colors: 400—White, 401—Lavender, 402—Red, 403—Burnt Orange, 404—Golden, 405—Pure Orange. Any of the above colors, Pkt., 10c; $\frac{1}{4}$ oz., 35c; $\frac{1}{2}$ oz., 60c; 1 oz., \$1.00.



X-L California Giants

ZINNIAS-DAHLIA MIXED (A)

In 1936 Mr. Charles Kranz of Kranz Greenhouse exhibited at the Great Falls Flower Show an immense bouquet of Dahlia flowered Zinnias which he grew. There splendidly formed blossoms were produced on stems from $3\frac{1}{2}$ to 5 feet tall and could be displayed only by placing entire bouquet in a large washtub. Flowers of this variety are preferred by some to the California Giants, because they appear more double and do not seem to have as many flat blossoms.

406—Crimson Monarch—Deep Crimson, Very Large
407—Exquisite—Light Rose
408—Golden—Yellow Orange
409—Finest Mixed

All of the above colors, Pkt., 10c; $\frac{1}{4}$ oz., 30c; $\frac{1}{2}$ oz., 50c; 1 oz., 85c.



X-L Zinnia
Dahlia Flowered



Stately Gladiolus

The most popular of all summer flowering bulbous plants. Glads are unexcelled for cutting. The 7 varieties listed below are outstanding. Add postage unless marked postpaid.

2000—ALBATROSS

By far the largest, strongest and most outstanding pure white glad yet introduced.

1 to 10 bulbs, 8c each
10 to 25 bulbs, 7c each
25 or more bulbs, 6c each

2001—F. E. BENNETT

Scarlet throat striped with ruby and white. Extra large and a vigorous grower. A ribbon winner wherever shown.

1 to 25 bulbs, 5c each
25 or more bulbs, 4c each

2002—GOLDEN MEASURE

Large, well expanded flowers of golden yellow. It is a very robust and tall grower, a quality unusual in the yellow varieties.

1 to 25 bulbs, 5c each
25 or more bulbs, 4c each

2003—HIGHLAND LADDIE

Large, massive, beautiful upper throat blended to almost white, lower throat deeper pink. Very fine in every way.

1 to 25 bulbs, 5c each
25 or more bulbs, 4c each

2004—MINUET

Beautiful light pinkish lavender; five to six large well placed blooms open at once. Not a fast propagator but the best light lavender in existence. The standard by which all other lavenders are judged.

1 to 25 bulbs, 6c each
25 or more bulbs, 5c each

2008—X-L SPECIAL MIXTURE

Composed of large No. 1 bulbs that will flower this season. This mixture has many of the new varieties and has proven very popular for bedding.

50 bulbs, \$1.00; 100 bulbs, \$1.75; 500 bulbs, \$7.50

Lilies

Hardy Lilies for spring planting. Many flower lovers seem to have just become aware of the fact that practically all varieties of hardy Lilies do well in Montana. They take no special culture, but will do best in a place where they will receive semi-shade. If planted along side of hedge or in a bed of perennials they will have enough shade to permit the Lilies to grow to the best advantage. Light well drained soil is recommended, but if your soil is heavy a few handfuls of Peat Moss or sand under the bulb will help prevent the accumulation of excess water around the bulb which might rot it. Be sure that bulbs are planted from 7 to 9 inches deep. The most striking method of planting is in groups of 3 to 9 bulbs.

2100—REGAL LILIES

The large trumpet-shaped flowers are snowy white, with a pure yellow center, while the exterior of the petals is slightly tinged pink. It is a strong grower, attaining the height of 3 or 4 feet. The flower besides being eminently beautiful, possesses a delightful fragrance. The bulb, which should be given good, sharp drainage (as should all Lilies), is perfectly hardy, usually presenting a dried, shriveled appearance. Select size bulb 8 to 9 inches circumference. Each, 20c; 6 for \$1.00; dozen, \$1.75. Add postage.

2101—RUBRUM LILY

The typical form is white, flushed pink, and heavily spotted with carmine. The stem is about 4 feet high and has fresh, green, lance-shaped leaves. The frilly flowers face downward and carelessly roll back their petals, while the stamens and pistil curl 'way out. A very beautiful Lily, perfectly hardy, very seldom diseased. An August bloomer. Plant the bulbs 8 to 10 inches deep. First size bulbs 8 to 9 inches in circumference. Each, 20c; 6 for \$1.00; 1 dozen, \$1.75. Add postage.

2102—HENRYI

A very beautiful Lily from central China growing all the way from 4 to 5 feet and over, and often carrying as many as 20 bright orange-yellow flowers slightly spotted with reddish brown dots. Flowers early in August. It is one of the very best Lilies for general culture; hardy, robust, long lived, growing in almost any soil and situation, although it requires good drainage; 8 to 9 inches. Each, 18c; 7 for \$0.00; 1 dozen, \$1.65. Add postage.

2007—X-L "21" GLORIOUS GLAD COLLECTION

A time saver as well as a money saver. Three each of the above varieties, all No. 1 bulbs, 89c; 3 collections, \$2.25 postpaid.

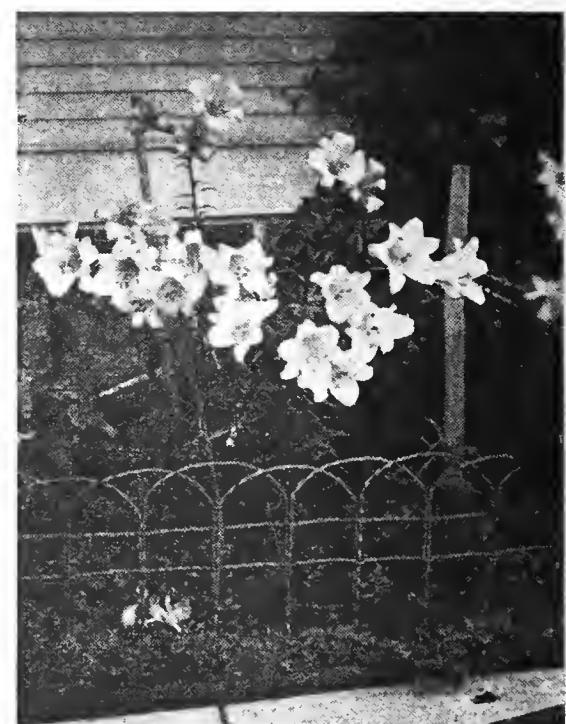
POSTAGE ON GLADIOLUS BULBS UP TO 150 MILES

10c for first 10 bulbs or fraction thereof. For each additional unit of 10 bulbs add 2c

Be sure you add postage unless stated postpaid

THRIPS ON GLADS

All of our Glads are treated in the fall and spring to remove thrip, but if your soil is already infested we feel that you would get good results by dipping the entire bulb in a solution of Evergreen. Use 1 oz. of Evergreen to 1 gallon of water.



Regal Lilies Grown by Mrs. J. L. Munson, 2726 Second Ave. So., Great Falls

2103—TIGER LILY

This hardy Lily is very common and because it is so widely known it has come to be looked upon as native, but it originally came from China and Japan. The flowers are orange, spotted purple, opening in July and continuing in bloom until September. Average height 3 to 4 feet. Each, 15c; 6 for 75c; 1 dozen, \$1.35. Add postage.

POSTAGE ON LILY BULBS, FIRST BULB 4c
AND EACH ADDITIONAL BULB 1c

2105—GALTONIAS

(Summer Hyacinth)

2104—SPECIAL LILY COLLECTION

Three (3) each of the following:

Tiger Lily
Henryi LilyRegal Lily
Rubrum

Regular postpaid price \$2.31. Special price \$1.75 postpaid to the 3rd zone.

Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous. You will find that they show to the best advantage where hedge or similar foliage is provided as a background. 3 for 15c postpaid.

X-L Sweet Peas

Our X-L BRAND SWEET PEAS are famous throughout the state for the Large Wavy blossoms and long, stiff stems that adapt them for use in bouquets. We are proud of our reputation for selling fine sweet peas, and in order that you receive the best results from your seed, please ask for cultural directions which we will furnish free.

1 ounce of Sweet Peas will plant a single row 15 ft. long.

SPECIAL NOTE:

To check Aphis that has damaged so many sweet pea vines in Great Falls the past several years, we suggest that you spray with one of the following insecticides: **Aphis Spray, 35c; Cubor, 35c; Evergreen, 35c.** If thorough spraying is practiced, trouble from these pests will be minimized.

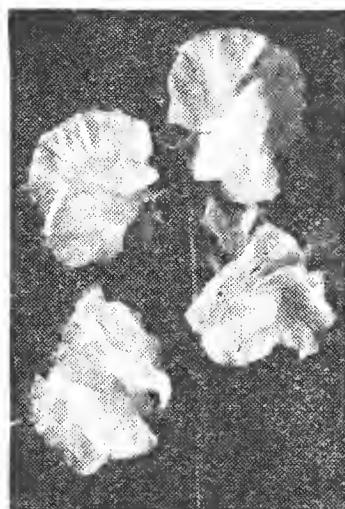
Seventy-five percent of our Sweet Pea customers have

proven to their own satisfaction that they can insure against Sweet Pea failure by inoculating their seed with Nitragin. Nitragin is not a plant food and is not intended to take the place of Vigoro or Plantone, but is live bacteria recommended for over 35 years by the United States Department of Agriculture for increasing the nitrogen fixing bacteria on all legumes. A 10c package is sufficient to take care of 4 pounds of seed and may be used on Sweet Peas, garden peas and beans.

Two Novelties for You This YearColor Picture
Inside Front Cover

410—JUMBO

We feel that Jumbo will become one of the most popular Sweet Peas grown just as soon as everyone has an opportunity of trying it. It supplies a color that has been definitely needed in the large, wavy type Sweet Pea for quite a few years. Technically it is described as a lively shade of cerise pink with a strong under-current of cherry red. Jumbo is a strong and vigorous grower, having heavy foliage and long, stiff stems. Usually bears four large, wavy blossoms on each stem. You will enjoy this new color more if you grow them separately. See inside front cover for natural color photo of this Sweet Pea, although we feel that the camera cannot do justice to it. Pkt., 20c; 2 pkts. for 35c; $\frac{1}{2}$ oz., 40c; oz., 65c.



Chinese Blue

411—CHINESE BLUE

Last year we introduced Chinese Blue and scarcely a day went by during the summer that someone did not tell us how unusual a Sweet Pea it is. Color is solid, rich, deep blue without the objectionable fading that has characterized blue shades of Sweet Peas in the past. Stems are long and bear continuously throughout the season. Even where they are checked by extremely hot weather during the last of July and first of August, if kept watered, fertilized, and picked, will have numerous large, wavy blossoms until the very heaviest frosts in September. Makes strong vigorous vine growth with more buds than the average sweet pea. Pkt., 15c; 2 for 25c; $\frac{1}{2}$ oz., 35c; oz., 60c.

The Best Spencers for This Climate

All are produced on bushy vines. They are selected for their long stems and large, wavy blossoms. You will find that fading out and loss of color from the hot sun would be much less in these varieties than with many of the others that are being offered.

412—AVALANCHE

A large, frilled, glistening white.

413—HUNTSMAN

The brightest scarlet yet introduced. Makes an outstanding bouquet when used by itself.

414—DERBY DAY

Considered the best dark red standard Spencer. Color is similar to the old King Edward, but the size of the blossoms and the vine growth is much better.

415—PINKY

Still remains as one of the largest sweet peas in the deep pink class.

416—POWERSCOURT

This beautiful lavender is outstanding in the standard flowering varieties. When combined with Pinky or Jumbo it makes a breath-taking bouquet.

417—MASTER CREAM

An immense deep cream beautifully waved and frilled, and quite sun proof.

418—MARY PICKFORD

Light, creamy pink.

419—ROYAL PURPLE

A full colored purple that really is correctly named.

420—NUBIAN

A dark mahogany so deep that it can almost be called a chocolate brown.

421—SMILES

For the past two years we have considered this variety the best of the late introductions in salmon colored sweet pea.

Prices on the above eight varieties:Pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c.**"Your Own" Special Collection**

Half an ounce of any four of the above colors (four $\frac{1}{2}$ ounce pkts.), 65c, postpaid. This is sufficient seed to take care of a row 30 feet long. Be sure and select your colors. Just give the numbers of each color you desire.



423

Graham & Ross Royal Mixture of Standard Flowering Sweet Peas

This Grand Prize mixture has been carefully selected and balanced to incorporate only the best heat resisting varieties with large ruffled and wavy blossoms borne on long stems. We cannot recommend a better mixture for general garden use and for cut flowers. Even those people who have found it profitable to sell sweet pea bouquets will find this mixture remarkably adapted to their purposes. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25.

424—STANDARD MIXTURE

A good mixture of proven varieties in a wonderful range of color. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c postpaid; 1 lb., \$1.75 (no less than 1 oz. sold from bulk).

Early Flowering Sweet Peas

When sown at the same time as Standard Spencer Sweet Peas, they will commence blooming 10 days to two weeks earlier. Many people plant them in the same trench with the regular standard Spencers, thus increasing the flowering period of the entire row. In size and color the early flowering are considered by many to surpass the standard varieties. While they have been the most popular type since their introduction, we find that they cannot stand the extremely hot weather quite as well as some of the standard flowering types.

425—EARLY VULCAN

Vivid non-burning scarlet. The best known and most popular of the early flowering reds.

426—BLUE BONNET

A rich, deep blue very clear in color.

427—FRAGRANCE

We think this variety the most outstanding of all early flowering sweet peas. Has a very vigorous growth with extra large frilled and wavy blossoms of a clear, delicate lavender.

428—HOPE

This large, clear, white is considered outstanding.

429—RED CROSS

This color is hard to describe, but is generally termed a "poppy scarlet." It is a deep, rich red, although it is not bright enough to be called carmine.

Prices on any of the above straight colors in early flowering: Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

430—X-L New Giant Early Orchid Flowering Mixed

Try a generous row of this mixture in your garden. The blend contains a choice selection of named varieties, and the flowers will make a brilliant show. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

431—LATHYRUS

Everlasting or Perennial Sweet Pea

A hardy perennial climber. Sow the seed in rich ground 1 inch deep. They bear large compact clusters of flowers resembling those of the Sweet Pea but without fragrance and give profusion of bloom all summer. Mixed. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 65c.

PEAT MOSS

provides the best way of furnishing the humus and proper drainage necessary in your sweet pea trench. See page 32.

Flower Plants

ANNUALS

We can supply flower plants of the following annual flowers:

- 2300—Sweet Alyssum
- 2301—Aster
- 2302—Annual Canterbury Bells
- 2303—Lobelia
- 2304—Snapdragon
- 2305—Petunias
- 2306—Phlox
- 2307—Verbenas
- 2308—Stocks

All plants 50c per doz. Packing and postage to any city in the third zone 20c per doz. extra.

PANSY PLANTS

2309—Swiss Giants, the largest and best colored pansies available. Per doz., 75c. Packing and postage 20c per doz. extra to any city in the third zone.

PERENNIALS

Hardy field grown clumps. Will flower this year. We can supply the following varieties. See flower seed section for descriptions.

2310—Hardy Aster	2318—Oriental Poppies
2311—Columbine	2319—Statice
2312—Delphinium	2320—Canterbury Bells
2313—Fox Glove	2321—Sweet William
2314—Gaillardia	2322—Sweet Rocket (Hesperis)
2315—Gypsophila	2323—Shasta Daisy
2316—Hollyhock	2324—Giant Fall Daisy
2317—Ragged Robin	2325—Physalis

Prices on all of the above plants 20c each; 6 for \$1.00. Postage to third zone, for the first plant 8c and each additional plant 4c.

2326—BLEEDING HEARTS

Strong field grown clumps 50c each; packing and postage to the third zone 25c per clump extra.

2327—PERENNIAL PHLOX

Can be supplied in dark red, pink, white and lavender. Each, 25c; postage and packing, first plant 8c and each additional plant 4c.

2328—HARDY RED CARNATION—25c each; postpaid, 33c.

Attractive Dahlias

At Prices Much Lower Than You Have Been Used to Paying



All our Dahlias are strong, healthy tubers with good crowns and eyes. Stock has been carefully handled and is guaranteed true to name. The varieties listed below are exceptionally low in price, and were selected by us because they are outstanding for this climate.

NOTE ON DESCRIPTION

Symbol (F. D.)—Formal Decorative: Belongs to the decorative class which are the showiest and most popular. Large, flat and full centered with the petals lying back flat.

Symbol (I. D.)—Informal Decorative: Of the same variety as the formal decorative, only the petals are curled.

Symbol (C)—Cactus: This type Dahlia is loosely formed and very irregular, resembling the shaggy Chrysanthemum.

2200—J. K. ALEXANDER, JR.

A new dahlia that is the largest crimson red hybrid decorative ever offered. The flowers are 12 to 14 inches without disbudding. Free flowering. **\$1.25 each postpaid.**

2201—COUNTESS OF LONSDALE (C)

A delicate apricot shading towards the edges of the petals to warm pink. **30c postpaid.**

2202—J. H. JACKSON (C)

A velvety crimson so dark that it is almost black. This is a very attractive Cactus variety. **30c postpaid.**

2203—ELINOR VANDERVEER (F. D.)

A rich glowing satiny rose-pink. The large blooms are of great depth. **35c.**

2204—YANKEE KING (F. D.)

A deep strawberry pink. **30c postpaid.**

2205—FORT MONMOUTH (F. D.)

A rich crimson maroon with a hue of bluish violet at tips of petals. Free bloomer and foliage is dark green. Flowers frequently 13 inches in diameter. This shaggy monster will create a sensation wherever grown. **75c postpaid.**

2206—PRIDE OF CALIFORNIA (D)

A vivid red. Very large and a free blooming variety. **18c each; 2 for 35c, postpaid.**

2211—*Dahlia Lovers* Collection

One of each of the above dahlias postpaid to you for only

\$3.60

Value of these bulbs if purchased separately is **\$5.25.**

SPECIAL PRICES ON UNNAMED VARIETIES

2212—Yellow Shades, 2213—Purple Shades, 2214—Red Shades, and 2215—Pink. Each, 15c; 6 for 75c; 13 for \$1.35 postpaid. (Be sure and state the number of each color that you desire.)

2207—POLAR BEAR (D)

Pure white with large flowers. **35c each.**

2207—PRIDE OF STRATFORD (D)

Orange shading to orange-yellow at the base of petals. An exceptional variety that is very attractive.

2208—THE COMMODORE (I. D.)

A brilliant lemon-yellow with large blooms. Plant is a medium grower with spreading habit and of sturdy growth. A prolific bloomer, the bushes being literally covered with blooms throughout the season. **40c each.**

2209—DR. TEVIS SALMON-ROSE

Suffused with old gold shading to a golden apricot center. **35c postpaid.**

2210—E. T. BEDFORD

Lovely blooms of royal purple tinged with silver. This two-tone effect is certain to please you. **40c postpaid.**

A pleasing contrast for an outdoor living room. A velvet lawn of X-L Lawn Grass with background of Pink Honeysuckle, a border of Darwin Tulips; at home of Donald Ross, 3000 First Ave. N.



FERTILIZERS

FOR BEAUTIFUL LAWNS AND GARDENS

Plantone is scientifically prepared and specially adapted for Montana soils, and contains every element needed for Montana lawns and gardens in the right proportion.

Enjoy the luxury of green, weedless, velvety lawns, beautiful, luxuriant flowers, and healthy, earlier maturing vegetables.



All Plant Foods in One

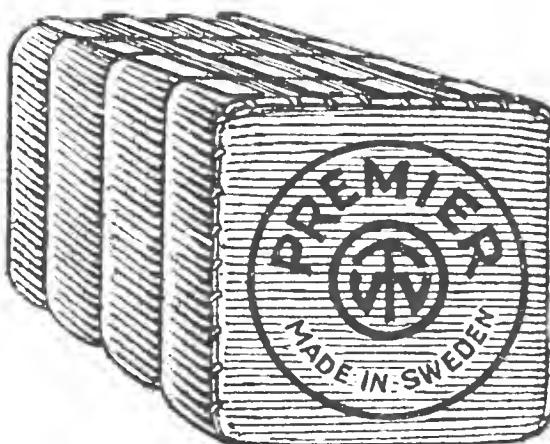
100 lbs.	\$3.95	10 lbs.	85c
50 lbs.	2.45	5 lbs.	45c
25 lbs.	1.45	1 lb.	10c

F. O. B. Great Falls

PEAT MOSS—Granulated

The All-Purpose Fertilizer, Ground Cover, Mulch and Soil Rejuvenator

Aids soil fertility better than manure, prevents the formation of hard top crust and fungus growth, ideal as a mulch, adds humus and when added to a heavy soil will make it light and easy to work. Ideal for mixing with soil for starting flower and vegetable plants. Per lb. 10c; per bale, about 22 bushels, \$4; per 1/2 bale, \$2.50, F. O. B. Great Falls.



INOCULATE ALL LEGUMES WITH **NITRAGIN**



The Original Legume Inoculator. Secure more and better Peas and Beans. Obtain a deeper and more lasting color in your Sweet Peas this year by using Nitragin. Cheap and easy

to use. Simply mix the seed with Nitragin before planting. For Alfalfa and Clovers: 1/2 bu. size, 35c; 1 bu. size, 55c; 2 1/2 bu. size., \$1.20. For Peas and Beans: 1/2 bu., 30c; 1 bu., 45c; 1 1/2 bu., 65c; 5 bu., \$1.85. Garden size, for Peas, Beans, Sweet Peas and Lupines, only 10c. Each package will inoculate any amount up to 4 lbs. of seed.

X-L "ROSE GROWER" BONE MEAL

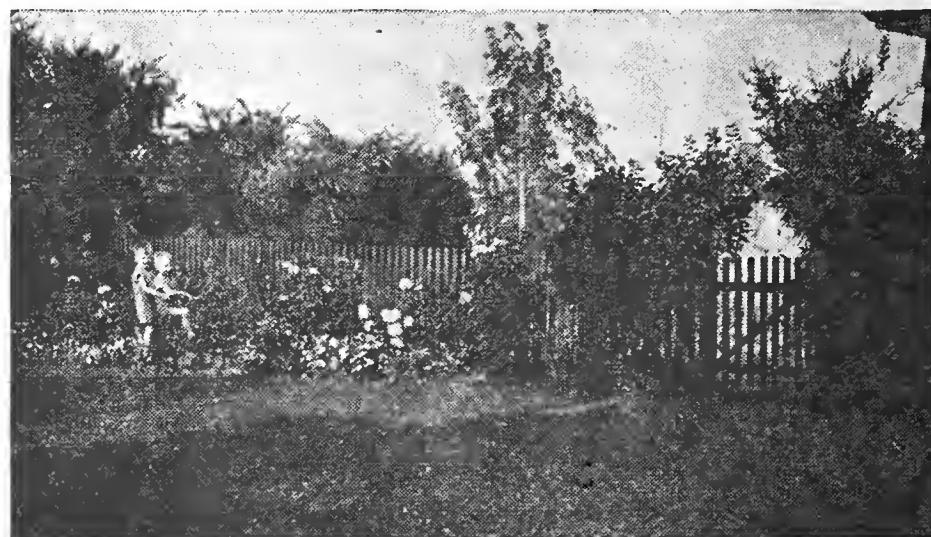
This is a special brand for our trade. It is ground extra fine, hence acts quickly and is free from acid. It is made from fresh packing house bone and should not be compared with bleached bone gathered from the prairies. Our "rose-grower" bone has been slightly steamed to soften it and is thus quicker in its action 5 lbs., 45c; 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$4.00, Great Falls. **REGULAR BONE MEAL**—Price, 10 lbs., 50c; 25 lbs., 95c; 50 lbs., \$1.65; 100 lbs., \$3.10 Great Falls.

LIME HYDRATED

A neutralizer for soil acidity. One of the best for increasing blooms on Lilac bushes. 10 lbs., 40c; 25 lbs., 80c; 50 lbs., \$1.50; 100 lbs., \$2.75.

NITRATE OF SODA

This is not a substitute for other manures, but one of the cheapest and best forms in which to apply nitrogen. Acts quickly and is used where rapid growth is desired. For the home garden apply as a solution one ounce to two gallons of water. 1 lb., 15c; 5 lbs., 65c; 10 lbs., \$1.15; 25 lbs., \$1.95



Here Is the Recommended Diet for Lawns and Flowers

● Plant food is a wise investment for every gardener. Properly fed plants grow so much better, are more hardy, and certainly are more beautiful. Because it supplies every one of the eleven different plant food elements plants require from the soil, WE RECOMMEND the use of VIGORO.

You'll be well satisfied with this complete plant food. It was created by scientists especially for feeding plants. Vigoro gives amazing results. It costs only 16c or less to feed properly 100 square feet of lawn or garden area. With Vigoro so economical, why deny your growing things a real square meal?



Prices F. O. B. Great Falls

100 lbs.	\$4.50	10 lbs.	85c
50 lbs.	2.75	5 lbs.	50c
25 lbs.	1.60	1 lb.	10c

SULPHATE OF AMMONIA

Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Creates an acid reaction in the soil. Use 1 pound to 50 square feet. Per lb., 15c; 10 lbs., \$1.00; 25 lbs., \$2.25; 100 lbs., \$8.00.

MURATE OF POTASH

If vegetables or flowers are produced on stems that are weak or brittle, it is a sure indication that Potash is needed. Imported Potash, once again available, should be used liberally, especially for all root crops. 10 lbs., 90c; 25 lbs., \$1.85; 50 lbs., \$3.25; 100 lbs., \$4.95

VEGETABLE AND FLOWER PAPER POTS

Water Proof

Made of tough waterproof paper eliminating breakage. Research has proved that this new pot encourages maximum growth. The walls of the pot are non-porous and promote a more even distribution of moisture. Try them if you raise your own flowers and vegetable plants. The plants are grown from seed to maturity.

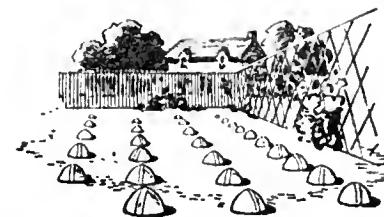


Size	Per Doz.	Per Doz. P. P.	Per 100	Per 100 P. P.	Per 1000 Gt. Falls
2 1/4 in.	15c	18c	\$.75	\$.85	\$ 6.25
3 in.	20c	23c	1.00	1.10	8.25
4 in.	30c	36c	1.50	1.60	10.50

Make yours an "X-L" Garden this year

Be The First With a SPRING GARDEN

Protect your plants against weather and insects with HOTKAPS. Have vegetables and flowers weeks earlier.

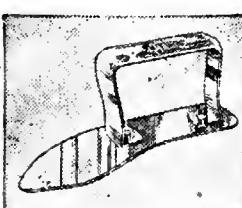


HOTKAPS—An Individual Hothouse for Every Plant!

Size	Wt.	Price
25 Pkg.	1 1/2 lbs.	Gt. Falls \$.50
Contain 25 Hotkaps and paper setter		
100 Pkg.	5 lbs.	\$2.65
Contain 100 Hotkaps, 1 metal setter, 1 tamper		
250 Pkg.	9 lbs.	\$3.85
Contain 250 Hotkaps, metal setter and tamper		
1000 Pkg.	28 lbs.	\$10.25
Contain Hotkaps only		
Steel Setter	1/2 lb.	\$.50
Steel Tamper	1/4 lb.	\$.25



Steel Setter



Steel Tamper



WOOD LABELS

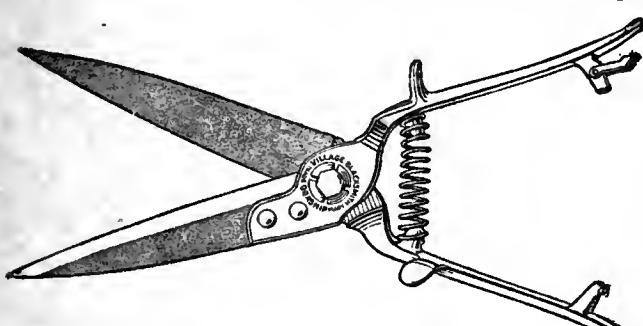
Made of Red Cypress, will last a lifetime. Perfectly white and smooth and never requires paint.

Size	Per 25	100	500
4 in.	\$.15	\$.40	\$1.60
6 in.	.20	.55	2.10
10 in.	.25	.75	3.25

The Village Blacksmith Better Garden Tools

For those who wish the "Best" we offer this new line. Village Blacksmith tools are hand tempered from the finest of materials and will last a life time.

GRASS SHEARS



Light weight but durable. Handles fit the hand. Blade 5 1/2 inches, hollow ground and full polished. Ivory shank and spring. No. V2, Wt. 1 lb., Price 60c.

No. V2 but of lighter steel. Each, 45c. Weight 3/4 lb.

PRUNERS



Of one piece carbon steel drop forged, carefully tempered. Ground and set to cut clean and shear perfectly. Full Polished blades.

No.	Wt.	Price
V179	1 lb.	\$1.45
V129	3/4 lb.	.80

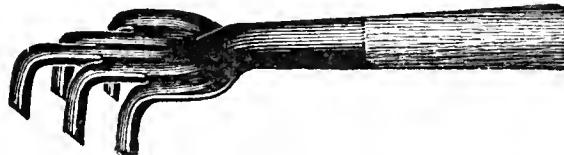
Blades of V129 made of cutlery steel.

DANDELION DIGGER
or Asparagus Knives

Made of tool steel, well tempered.

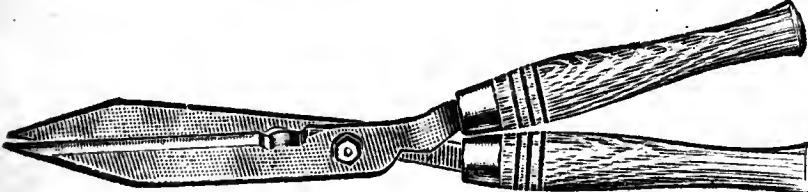
No.	Length	Wt.	Price
1	12 in.	1/2 lb.	\$.35
219	15 in.	1/2 lb.	.50

WEEDERS



A handy tool for working in the flower bed and loosening the soil. Made with five prongs. Each, 15c; postpaid, 21c.

HEDGE SHEARS



A deluxe quality shear. Blades hollow ground, full polish and notched for cutting large branches. Handles of best grade northern ash.

No.	Blade Length	Wt.	Price
800	8 in.	3 lbs.	\$1.75
Sto8	8 in.	3 lbs.	2.45

The Sto8 has blades serrated and notched, making it the easiest hedge shear to operate.

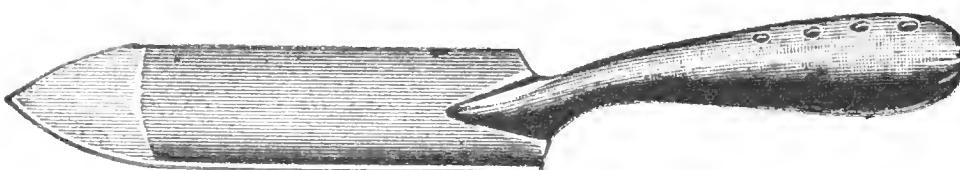
HAND SPADING FORKS

Made with hardwood handle and four tines of pressed steel. Each, 15c; postpaid, 21c.

MAGIC COMBINATION WEEDEER

A very handy tool for use around flowers and small vegetables. Destroys the weeds and leaves the earth about the roots without disturbing the roots themselves. The blade or weed cutter is very handy for cutting roots or making furrows. Price 50c each; postpaid, 60c.

Garden Trowels



LADIES' FLOWER TROWEL

Long and slender, which makes it ideal for transplanting. Made of steel in one piece. Each, 15c; postpaid, 23c.

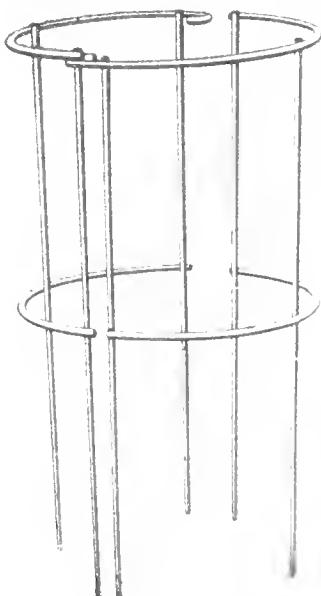
GARDEN TROWEL

No. 80—Length of blade 6 inches of heavy steel with hardwood handle. Each, 15c; postpaid, 23c.

No. 80A—A well balanced trowel with 8-inch hardwood handle. Length of blade 6 inches. Each, 15c; postpaid, 23c.

NO. 81—TRANSPLANTING TROWEL

No. 81—Narrow blade 5 inches long. Width 1½ inches. Strong wooden handle. Each, 10c; postpaid, 18c.



Peony Plant Supports

Made of steel wire, electric welded. Built in halves, hooks together to form rigid plant support. Halves can be used separately for foliage in house borders.

No. Diameter Height Wt. Each
824 16 in. 24 in. 2½ lbs.
Each, 55c; ½ doz., \$3.00; 1 doz., \$5.50.

No. Diameter Height Wt. Each
630 18 in. 30 in. 2½ lbs.
Each, 60c; ½ doz., \$3.35; 1 doz., \$6.20.

These must be shipped by express or freight.

THE "SNIP-IT" GRASS SHEARS

No. 151A—Up and down moving handles prevent blisters, hand cramp, wrist tire, skinned knuckles and grass stains. Cuts all weights of grass without adjustments. Price, \$1.00 each.

\$1.00



We can also furnish the same type Grass Shear known as Doo-Klip but of heavier construction. Price \$1.50.

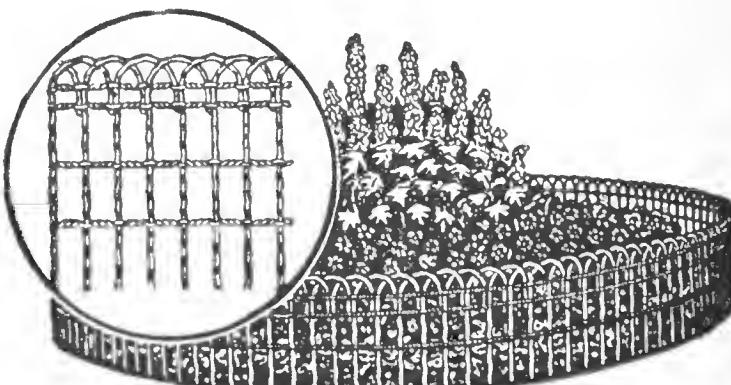
FORGED STEEL GRASS HOOKS



45c

Forged cutlery steel blades. Tempered ground and whetted to a sharp keen edge. Has a raised or off-set hardwood handle securely fastened. Perfect balance and swing. No. 427, each, 45c; postpaid, 55c.

PROTECT YOUR LAWN—GUARD YOUR FLOWERS



Makes a sturdy and beautiful border for lawn or flower bed. Keeps off the dogs. It's easy to put up, too. Just push the heavy 9½-in. gauge pickets into the ground. Pickets spaced 3 inches apart. 13 gauge double cable lines twisted together and around each picket.

Height	Shipping Wt. per Ft.	Running Ft.
16 in.	1 lb.	10c
22 in.	1 lb.	12c



PROTECT YOUR HANDS

with these

Washable, Soft-Leather GLOVES

Give you everything you want in a garden glove.

**All-Leather DIRT PROOF
SOFT AS KID Easy to Wear
Durable ECONOMICAL**

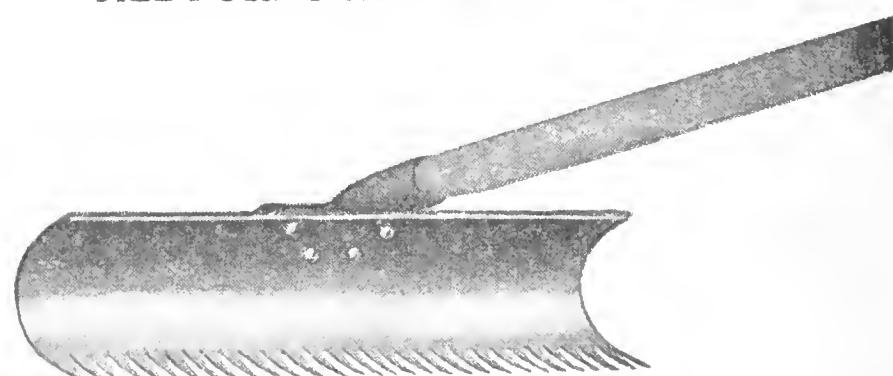
Being all-leather, Eezy Wear gloves give complete protection against dirt, scratches, bruises, stains, infections. Yet their amazing softness and pliability, the result of a special processing, make them extra comfortable. Cling to the hands and practically give you BAREHAND FREEDOM.

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for—GARDENING, HOUSEWORK, PAINTING, FURNACE, GARAGE, ETC.

Sizes for WOMEN (small, medium and large) and MEN (medium, large). Price 75 cents a pair, postpaid. (2 pr. \$1.40.)

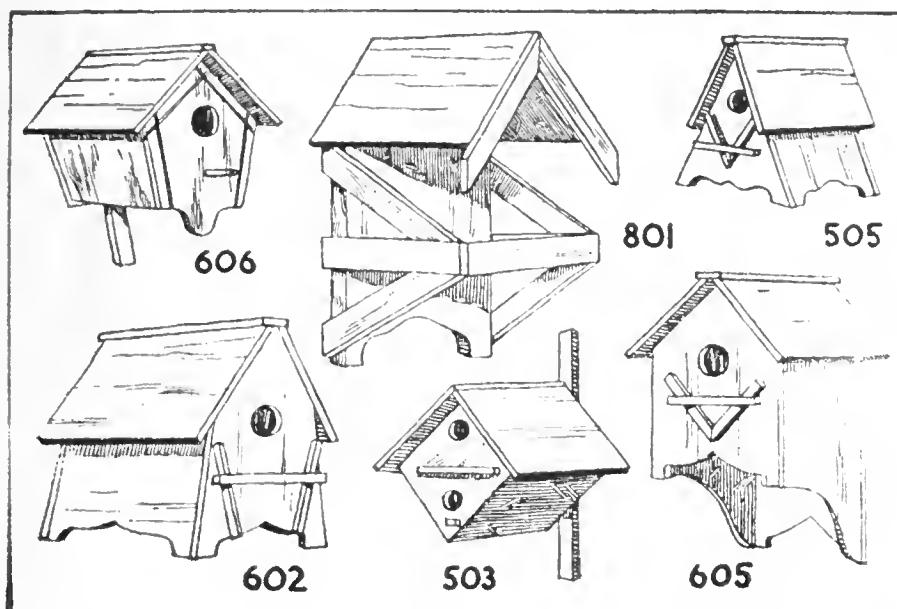
National
EZY Wear
Garden Gloves

ALL-PURPOSE DANDELION RAKE



Head of high carbon steel with polished hardwood handle. Curved so as to roll the rubbish and grass before it. A single backward stroke clears the rake. Each, \$1.00. Wt., 4 lbs.

Redicut Bird Houses



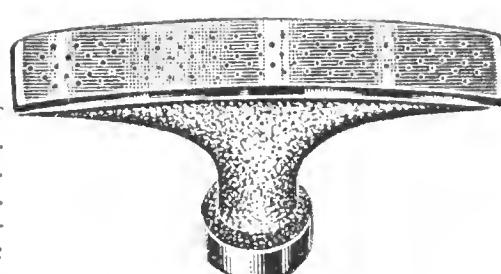
These bird houses are made of Red Cypress. Every piece is cut to exact fit and ready to assemble. Houses scientifically built as to size, floor space, height of walls, size of opening, etc.

No. 503 Duplex Wren House.....	\$.70 P. Paid \$.80
No. 505 Serene Wren House.....	.60 P. Paid .70
No. 606 Blue Bird House.....	.85 P. Paid .95
No. 602 Blue Bird Cottage.....	.85 P. Paid .95
No. 605 Blue Bird Cottage.....	.85 P. Paid .95
No. 801 Robin Nest Shelf.....	1.10 P. Paid 1.25

FLAT SPRAY

Solid Cast Brass

It is NOT plated. For flowers and tender plants. Top of heavy sheet brass. Width $\frac{7}{8}$ in. by $5\frac{1}{4}$ in. wide. Throws a fine, fan-shaped spray. Each, 65c; postpaid, 73c.

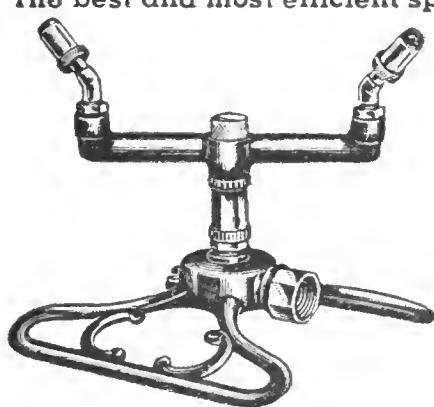


PARKSIDE

The best and most efficient sprayer in the medium price range

Special bearing that will last indefinitely. Adjustable nozzles are brass and can be adjusted to throw a fine, medium or coarse spray. Positive stop so that revolving arms can be placed in one position and nozzles adjusted to give continuous water in one position. Will distribute water thoroughly on low water pressure.

Each, \$3.00. Wt. 4 lbs.

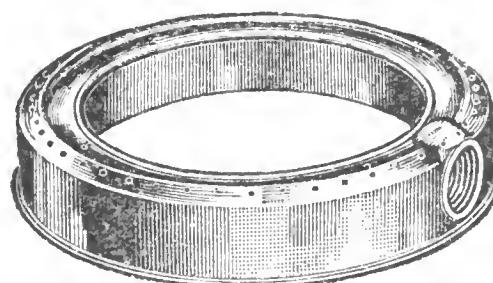


RING

All Brass Sprinkler

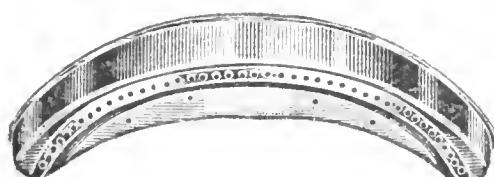
Water circle 28 feet in diameter. Sprays 8 gal. a minute. Guaranteed to stand high water pressure. Will not rust and will last a lifetime. No danger of upsetting.

Each, \$1.15. Wt. 1 lb.



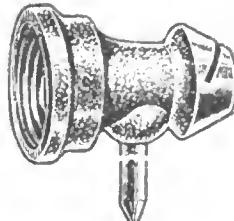
HALF CIRCLE LAWN SPRINKLER

Ideal for use at the edge of gardens and flower beds, or along the sidewalks. Can be moved without shutting off the water. Covers a complete half circle. Made of heavy brass. Each, 85c. Wt. 1 lb.



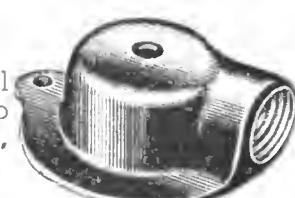
"SPIKE" SPRINKLER

Made of cast brass and throws a 20-foot fine fan-shaped spray away from the sidewalk onto the flower bed or lawn. Nothing to wear out. Our city park system is using dozens of these sprayers. Each, 35c. Wt. 6 oz.



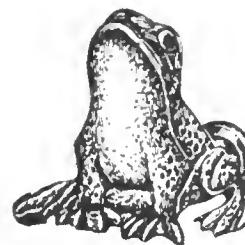
C. B. G. SPRINKLER

No moving parts, cannot wear out. Will water a 24-foot circle. Extra heavy so that it is not easily turned over. Each, 45c. Wt. $1\frac{1}{2}$ lbs.



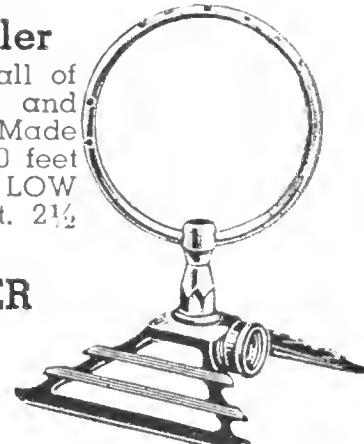
FROG LAWN SPRINKLER

A realistic appearing, ornamental, efficient lawn sprinkler that throws a spray. Finished in green with black spots and white throat. Ideal for Rock Gardens. Each, \$1.10. Wt. 3 lbs.

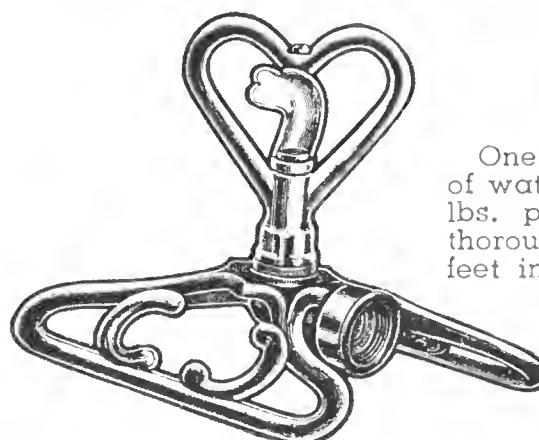


Globe Revolving Sprinkler

It makes a veritable globe or ball of spray and mist giving an even and thorough distribution of water. Made of solid brass, waters a circle of 30 feet in diameter. Operates on VERY LOW WATER PRESSURE. Each, \$2.00. Wt. $2\frac{1}{2}$ lbs.



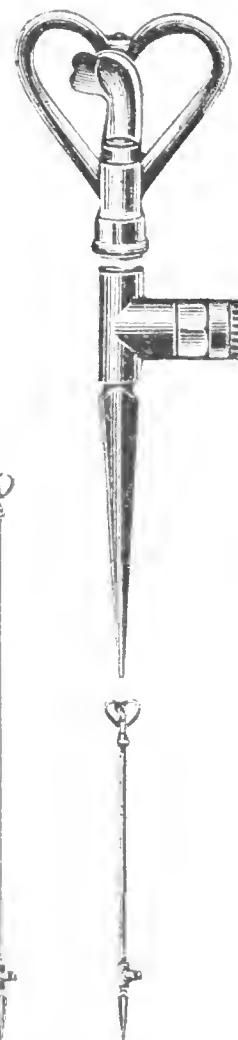
BUSY LAWN SPRINKLER



One of the BEST distributors of water on the market. With 20 lbs. pressure the "Busy" will thoroughly cover a circle 35 feet in diameter.

Each, \$1.30. Wt. $2\frac{1}{2}$ lbs.

SPRINKLER HEADS
for the "Busy" Sprinkler with new composition which gives long life. Each, 65c. Wt. $1\frac{1}{2}$ lb.



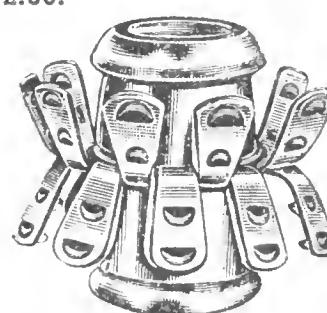
Spike Sprinkler

The best for sprinkling a large area with low water pressure and provides that rain-like floating mist that your garden so welcomes. New improved Blake Head mounted on a $\frac{3}{8}$ in. pipe.

No. 2, height 2 feet, water circle diameter 36-40, weight 3 lbs., price \$1.75.

No. 4, height 4 feet, water circle diameter 38-42, weight 4 lbs., price \$2.10.

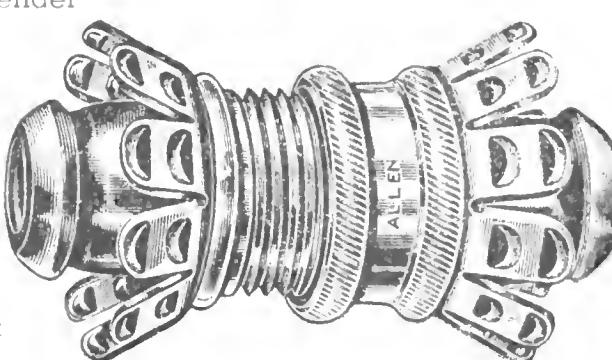
No. 6, height 6 feet, water circle diameter 40-44, weight 6 lbs., price \$2.50.



Hose Menders

When the hose breaks it is but a matter of seconds to cut out broken section, insert mender and clamp.

Each, 10c.



Cast Brass Couplings

This new coupling makes it easy to connect several lengths together and gives a permanent coupling. Each, 25c.

HUDSON MOWERS Must Give Satisfaction

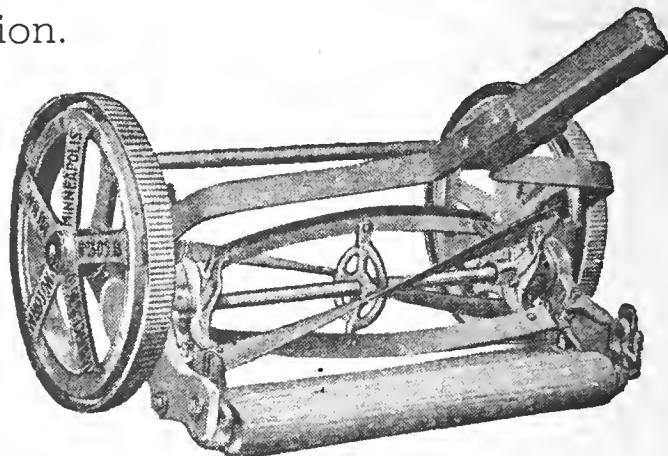
All parts machined and fitted to insure efficient operation.

Reel Construction: Very strong, cannot be knocked out of cutting alignment by striking obstructions as sticks, stones, clothes pins, etc.

Adjustable Bearing and Cone Assembly prevent end play in reel and assure perfect shear cut.

Knife Bed: Pivoted on cone bearings. Adjustment of knife bed easily accomplished.

Knife Blade: Made of highest grade Crucible Saw Steel correctly tempered to hold keen cutting edge.



BALL BEARING AND HARDWOOD HANDLES.

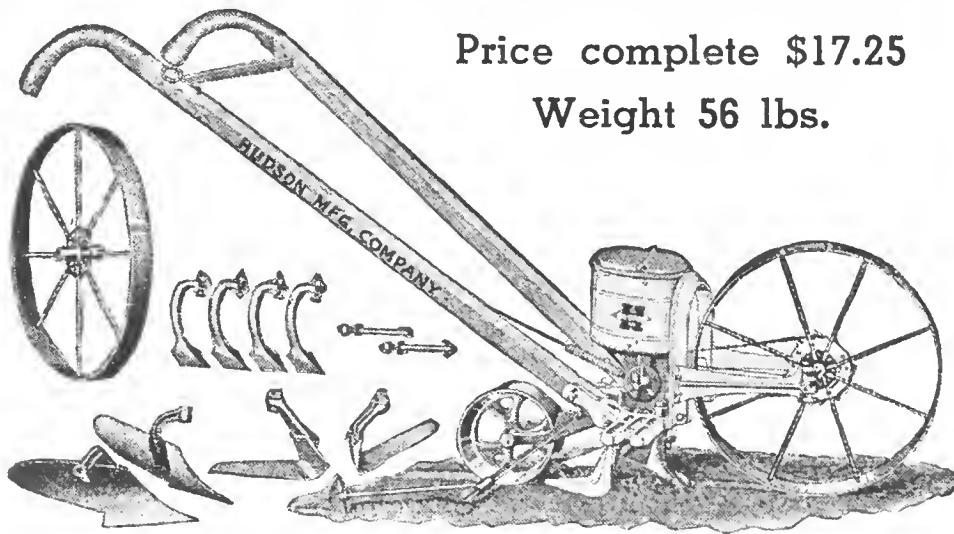
No.	Wheel Height	No. Blades	Length Blade	Wt.	Price
205A	8 in.	3	16 in.	41 lbs.	\$ 6.60
305	9 in.	4	16 in.	46 lbs.	7.70
505	10 in.	5	16 in.	49 lbs.	8.25
555	10 in.	5	16 in.	51 lbs.	8.85
700	10 in.	5	16 in.	55 lbs.	10.95

NOTE—The number 700 is equipped with solid rubber tires.

HUDSON HILL AND DRILL SEEDER— SINGLE OR DOUBLE WHEEL CULTIVATOR

Price complete \$17.25

Weight 56 lbs.



A combination outfit comprising six tools in one. It has all the equipment to serve the gardener from the initial seeding until final cultivation.

GARDEN PLOW

Tool equipment consists of Cloverleaf Sweep for surface cultivation, Double Pointed Shovel for deep cultivating, trenching, etc., and Combination 5-tooth Cultivator and Scuffle Hoe. Handles of seasoned hardwood reinforced at tips. Wheel 24 inches high and 1 1/4 inch tread.



G230 PLOW

Can be used to open or close a furrow, hill row crops, or open small irrigation trenches. It will fit any standard make of high wheel plow. Face is polished to scour readily. Each, 75c; postpaid, 80c.



HUDSON Sprayers and Dusters

THE LEADER

A full 3 1/4-gal. sprayer for

\$3.49



Has the new NuEez Funnel Top which makes filling easy. Tank 19 in. high with side seam securely riveted. Tested to 90 lbs. pressure. Complete with 22 in. high pressure spray hose, 18 in. brass curved extension and all brass nozzle. No. 192G, Wt. 9 lbs., Price \$3.49.

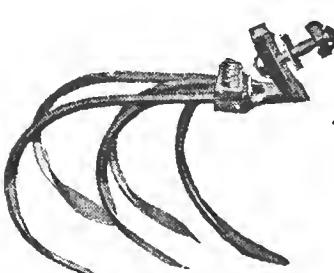


THE CLIMAX

A VALUE SENSATION AT

\$4.50

Tank 20 in. high; capacity 3 1/2 gal. Tested to 100 lbs. pressure. Complete with 24 in. high pressure spray hose, new brass finger-tip control valve, locks open for continuous spraying, yet closes instantly. Two-foot brass extension and all brass fog nozzle. No. 135G, Wt. 10 lbs. Price, \$4.50.



G245 5-Tooth Cultivator Attachment

is one of the most widely used tools. It will fit any standard high wheel plow. Will work up a fine dust mulch. Each, \$1.00; postpaid, \$1.10.

The Bordeaux Nozzle is designed for applying whitewash with any compressed sprayer. It will throw a solid stream or the finest spray. Threaded with $\frac{1}{4}$ -in. standard pipe thread. Each, \$1.00; postpaid, \$1.10.

**THE STERLING****A full 4 gal. capacity at \$5.75**

Tested for 100 lbs. pressure, New Funnel Top for easy filling, large capacity 4-gal., making it ideal for poultrymen and farmers who need a full size machine built for hard usage. All seams securely riveted and soldered. Complete with 24-inch hose, 2-foot brass extension and all brass nozzle. No. 115G, wt. 10 lbs. Price, \$5.75.

**THE
PERFECTION**

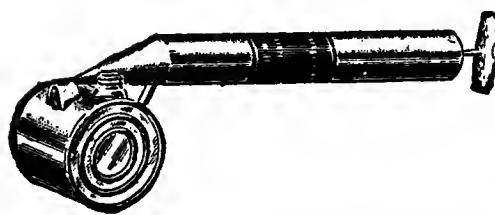
The one sprayer in a class by itself
"THE BEST"

\$6.75

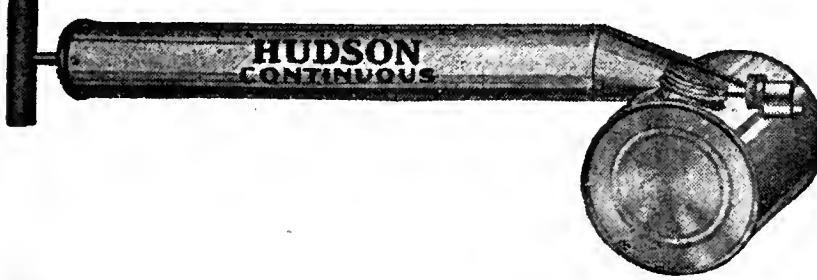
Tanks full 4-gal. capacity, tested for 100 lbs. pressure. Top seam electric welded, side and bottom seams riveted, all heavily soldered. Equipped with NEW OPEN TOP. Give extra large opening for ease in filling and cleaning, yet air tight sealing. Complete with 27-in. spray hose, 2-ft. brass extension, all brass nozzle, adjustable for ANY POSITION. No. 210G, Wt. 13 lbs. Price \$6.75.

**HANDY
SPRAYER**

For use about the yard, garden and poultry house.

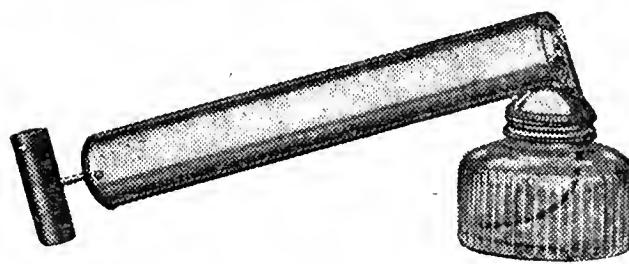


No.	Capacity	Price	Wt.
222	1 Pint	25c	$\frac{3}{4}$ lb.
440	1 Quart	40c	1 lb.

CONTINUOUS SPRAYER

A sturdy unit. Produces a very finely divided continuous spray without spitting or streaming and without continuous pumping.

No.	Capacity	Price	Wt.
432	1 Quart	85c	1 $\frac{1}{2}$ lbs.

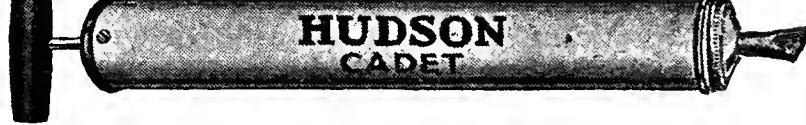
HOUSEHOLD SPRAYERS

A favorite and necessity in every home. Easy to clean and fill.

No.	Jar	Price	Wt.
F3 $\frac{1}{2}$	Tin	17c	$\frac{1}{2}$ lb.
G3 $\frac{1}{2}$	Glass	25c	$\frac{3}{4}$ lb.

CRESCENT SPRAYER

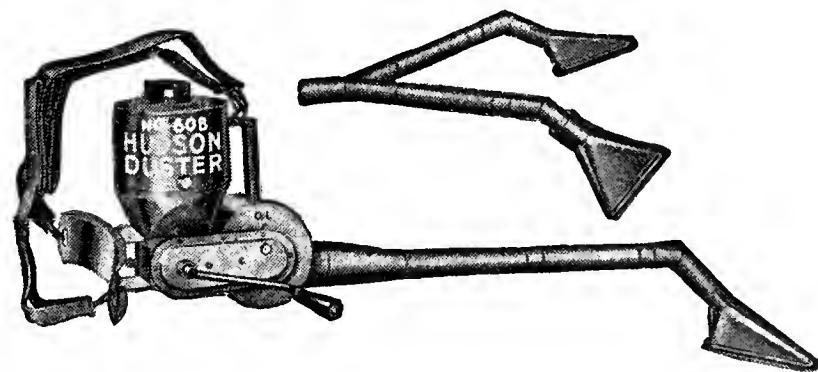
The ideal sprayer around the home. Any quart size Mason jar may be used, so that it is easily changed from one solution to another. Double discharge tubes throw a wide fan-shaped spray.
No. 430, capacity 1 quart, price 75c, Wt. 3 lbs.

75c**HUDSON DUSTERS**

Ample power and capacity for garden and field. Handles all types of dry powdered insecticides efficiently. Useful around the home in war on roaches, ants and other crawling insects.

No.	Wt.	Price
660	$\frac{1}{2}$ lb.	35c
664	1 lb.	60c

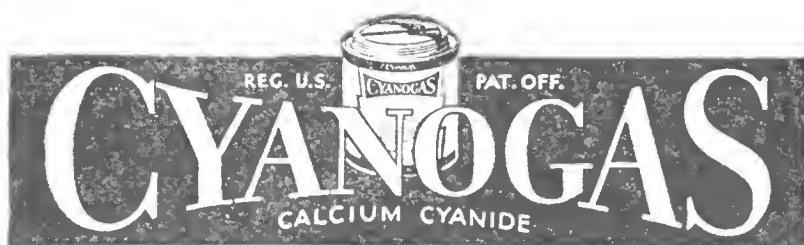
Note—No. 664 has extra large powder reservoir.

Power Duster

Particularly adapted for truck growers, commercial gardeners and others who have moderate to large acreages to dust. Specially designed fan develops unusually powerful air blast, sufficient to handle any powder. Twin agitators feed powder into moving air stream and through fan. No chance to clog. No backing up of pressure into the hopper, no accumulation of powder in discharge tubes. Made of heavy steel. Gears are steel, machine cut, completely enclosed in steel housing and run in oil bath.

Complete with two nozzles, two elbows, four 15-inch telescoping tubes. Can be used with one or two nozzles.

No.	Wt.	Price
608	16 lbs.	\$12.50



The Quick, Easy, and Positive Way to Kill Gophers, Prairie Dogs, Rats, Mice, Snakes, and Soil Insects

Ideal for fumigating houses to rid them of Bed Bugs, Roaches and Insects. Complete directions with each can.

Article	Size	Price
A—DUST	1/2 lb.	\$.45
A—DUST	1 lb.	.75
A—DUST	5 lbs.	2.50
GRANULAR	5 lbs.	2.00

NOTICE: The A—DUST is recommended where immediate results are desired. Ground finer and releases the gas more quickly.

There is nothing left to chance when Cyanogas is used as it kills every living insect, animal and even fungus.



MOUSE SEED. The most satisfactory mouse exterminator ever sold. A natural treated seed which attracts the mice. They chew out the inside kernels and thirst then drives them out to die. No baits, no traps, no muss. "A saucer and seed is all you need." 25c per package.

Postpaid 28c

In a seed store such as ours we have considerable trouble with mice. Due to the fact that every seed or grain mice like is carried, we found it hard to get a mouse killer that was effective. Since we commenced using Mouse Seed our troubles are over.—Graham & Ross.



This Might Be Your House, Barn or Shed!

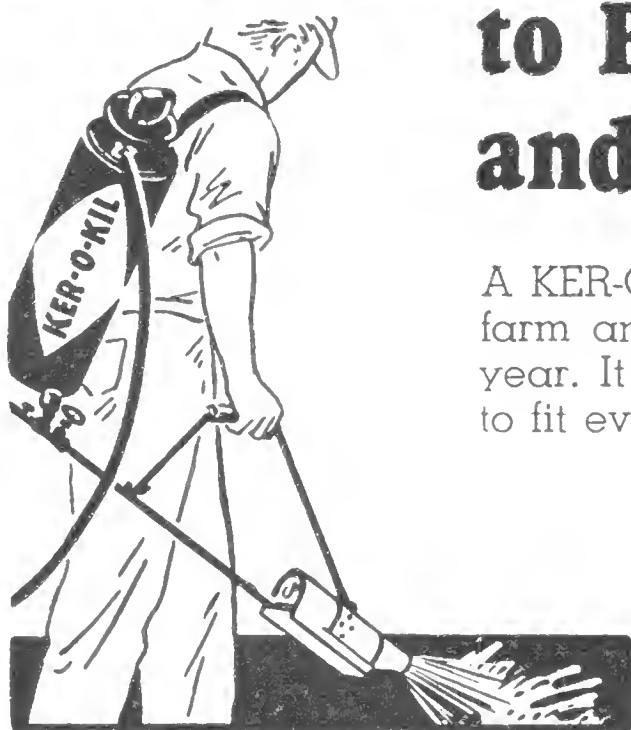
Your house contains personal effects representing an accumulation of many years. Your barn may contain stock resulting from years of careful breeding. Your granary may contain valuable registered seed. This hard work can easily be wiped out in a few minutes—by Fire.

CORONA
Fire Extinguisher
is only
\$2.00
Postpaid



Here is an inexpensive unit that is fool proof—requires no servicing and will not deteriorate or evaporate.

Every Ranch Needs a KER-O-KIL Burner to Burn Weeds, Singe Cactus and Disinfect Poultry Houses



A KER-O-KIL Burner has a dozen practical uses on a ranch or farm and pays for itself many times over in the course of a year. It is economical and easy to operate. There are models to fit every purse. For complete information, write us.

SIZES

No.	Wt.	Price
20—Utility	18 lbs.	\$15.00
22—Standard Round Flame	21 lbs.	17.50
22A—Standard Flat Flame	21 lbs.	18.50
25—Special Flat Flame with handle	22 lbs.	19.50
27—Heavy Duty Round Flame with handle	24 lbs.	25.50
27A—Heavy Duty Flat Flame with handle	24 lbs.	26.50

SPRAYING MATERIALS

Insecticides and Fungicides

All prices subject to market changes.

WRITE FOR FREE SPRAYING GUIDE

ACME PARIS GREEN

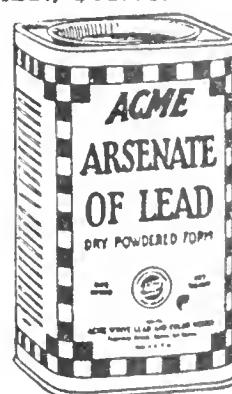
A rich, emerald color and of fine fluffy physical character. Containing 55 percent arsenious oxide, it will give quickest control where extreme measures are necessary.

Prices: $\frac{1}{4}$ lb., 18c; 1 lb., 50c; 5 lbs., \$2.25; 14 lbs., \$5.00; 100 lbs., \$31.00.

Acme Arsenate of Lead

It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes. Can be used as dust or spray.

Prices: $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 4 lbs., 80c; 100 lbs., \$14.95.



ACME LIME-SULFUR

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite. Mailable.

Price—1 lb. 40c



ACME GARDEN GUARD (Non-Arsenic)

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds. Mailable.

Prices: 1 lb. sifter carton, 35c; 4 lbs., 75c.

ACME CALCIUM ARSENATE

The cheapest arsenical insecticide on the market but of great economy and efficiency for certain purposes. Recommended to combat chewing insects on potatoes, vegetables, and certain fruit trees. Price: 1 lb., 30c.

ACME APHIS SPRAY

An improved nicotine spray containing a soft fish oil soap with Black Leaf 40, suitable for the control of all kinds of aphid (plant lice), thrip, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with any kind of water. Complete directions found with every package.

Price: 3-oz. collapsible tube, 35c.



ACME SPRAY SOAP

A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc. Its use with Nicotine greatly increases the value of that spray.

Price: 1 lb., 35c.



ACME ALL ROUND SPRAY

Flowers, vines, shrubs, roses, vegetables, need protection same as commercial crops. All Round Spray contains the three leading remedies used by all large growers. Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture.

Price: $\frac{1}{4}$ lb., 35c.

ACME BORDEAUX MIXTURE

Stimulates plant growth and greatly increases the harvest. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture.

Price: 1 lb., 35c.

Acme Dawg-Gone

Protect that evergreen—keep dogs away. Remove cap and hang tube of Dawg-Gone (opening down) in lower branches of trees at the points of approach. The odor slowly emanating from the open tube will keep dogs at a distance—replaces unsightly wire screens or mechanical contrivances.

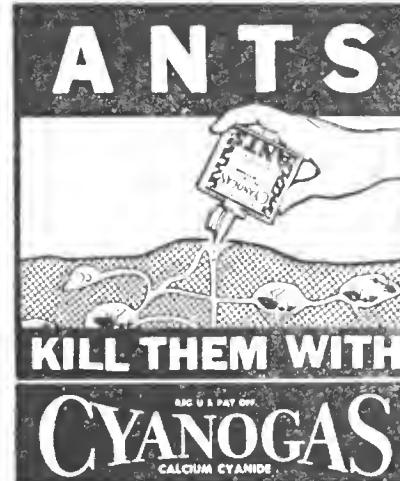
Mailable. Tubes, 35c each or 3 for \$1.00.



KILL 1,000,000 ANTS at a cost of but 30c

Simply enlarge entrances of ant nest with pointed stick and pour small amount of Cyanogas into the hole then close with soil. A DEADLY GAS is created which travels through all the ant tunnels killing the Queen and Workers INSTANTLY. Per 4-oz. can, 30c; postpaid, 35c.

ANTROL

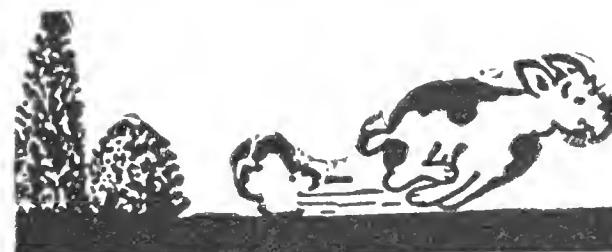


Kills Ants in Their Nest A SCIENTIFIC METHOD, SAFE, SURE, PERMANENT

Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief.

Prices—Antrol Ready-filled Set, containing 4 filled feeders, 40c; Antrol Regular Set, 4 containers and 4-oz. bottle syrup—enough for two fillings, 75c; Antrol Syrup for Refilling, 4-oz. bottle, 35c; pint bottle, 85c.

SAFE TO USE AROUND CHILDREN AND PETS
Can be used inside or outside the house



“DOGZOFF”

If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. It is a most efficient animal repellent and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted.

"Dogzoff" is applied with any small insect sprayer and one application does the work.

"Dogzoff" will save its cost many times over around the garden and home.

Price for Season's Supply

60c

COPPER CARBONATE FOR PREVENTING SMUT



Being a dry treatment, the seed can be treated in the winter or slack season. Much more effective than wet treatment. 18 percent recommended for spring grain. Use 2 oz. per bushel. Per 5 lb. pkg., 95c; 50 lbs., \$8.50. Add postage.

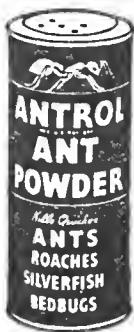
50 to 52 percent recommended for winter wheat. Use 2 oz. per bushel. Per. 5 lb. pkg., \$1.50; 50 lbs., \$12.50. Add postage.

We can furnish either Acme or Mountain Brand Copper Carb.

ANTROL ANT POWDER

(A New Formula)

Quickly kills Ants, Roaches, Silverfish. Can also be used in the garden. Will not injure vegetation. Many of the common insects infesting vegetation can be controlled by dusting this powder on the plants. 1 1/4 oz. can, 15c; 3-oz. can, 35c.



SNAROL

Kills Cutworms, Sowbugs, Snails, Grasshoppers, etc. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 1 1/2-lb. package, 35c; 4-lb. package, 85c.



KILL INSECTS WITH CUBOR SPRAY POWDER



Effective against all types of insects and bugs on flowers, vegetables, fruits and shrubs. Mix this dry powder with water, then spray. 2 oz. carton makes up to 12 gallons of all-purpose, low cost, complete, non-arsenical insect spray. 1 oz. pkt., 10c; 2 oz. carton, 35c; 1 lb. carton, \$1.25; 4 lb. bag, \$3.20.

TREAT ALL CEREAL SEED WITH CERESAN FOR GREATER YIELDS

Unusually effective in controlling stinking smut of wheat, covered smut and stripe of barley and oat smuts. Frequently improves the stand and yield of grain 1 to 5 bushels per acre. Only 1/2 ounce (there is a measuring spoon in each can) of New Improved Ceresan is required per bushel of seed. Seed should be treated 24 hours before planting. Does not reduce drilling rate nor damage drill.

Prices: 1 lb., 70c; 5 lbs., \$3.00. Add postage. Free pamphlet.

For Vegetables and Flowers use Semesan.

Treat your seed at a cost of less than 1c a pound of seed. 2 oz., 50c; postpaid, 55c.

NEW EVER GREEN SPRAY

The new effective insecticide. Kills every insect that the home gardener is likely to encounter. Absolutely NON-POISONOUS to humans, animals and birds. Price per bottle, 35c.

P. A. C. FORMALDEHYDE

Use for preventing smut on oats, wheat, barley and rye and also used for preventing scab on potatoes. Full directions furnished with each can. Per 1-lb. can, 35c; 3 1-lb. cans, \$1.00. Add postage. Prices not guaranteed.

SHEEP AND STOCKMEN'S SUPPLIES

"DIXIE" PINE TAR

For years this product has been the standard remedy on thousands of farms. Ideal for docking, castration, dehorning, barb wire cuts, cracked hoofs and general cuts. Every farm home should have a can on hand. One pint, wt. 3 lbs., 35c.

PINE-TREL

Used by all leading Sheep and Cattle men. Endorsed by THE MONTANA WOOL GROWERS ASS'N. Excellent for Screw Worm Flies, Wool Maggots, Grub-In-The-Head. Used after dehorning, castration and docking. Heals Barbed Wire Cuts, Horn Gores, Dog Bites, and other wounds.

Size	Wt.	Price
1 Quart	4 lbs.	\$.75
1 Gallon	11 lbs.	1.50

S-W BRANDING PAINT



Made by one of the largest paint manufacturers in the world. This product has the endorsement of all woolmen who have used it. Will not fade out but at the same time is one of the few paints that will scour out perfectly.

Color	Wt.	Price
Black	9 lbs.	\$1.65
Red	9 lbs.	1.70
Green	9 lbs.	1.70

In full case lots of 4 1-gal. cans. 10c per gal. less.

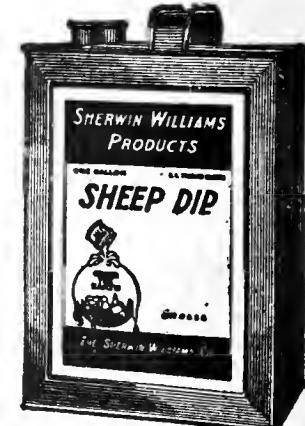
SACKING NEEDLES

Made of heavy polished steel, just the right length and curve. Each 25c; postpaid, 30c.

SHEEP DIP AT MONEY-SAVING PRICES

Full strength (5 per cent carbolic co-efficient) sheep dip that mixes perfectly with any kind of water. Formula standardized with the U. S. Dept. of Agriculture. This dip will not settle out, but remain in a perfect milky solution.

50 gal. bbl. 85c per gal.
30 gal. bbl. 90c per gal.
5 gal. can \$1.00 per gal.



Dip with "Black Leaf 40" for Lice and Scab
"Black Leaf 40" for Stomach Worms in Sheep

FREE DIRECTIONS FURNISHED

Write us for full and complete directions just how to use Black Leaf 40. They will be mailed by return mail.

Size	Wt.	Price
5 oz.	1 lb.	\$ 1.00
1 lb.	1 lb.	2.25
2 lb.	3 lb.	3.25
5 lb.	6 lb.	5.85
10 lb.	11 lb.	10.60

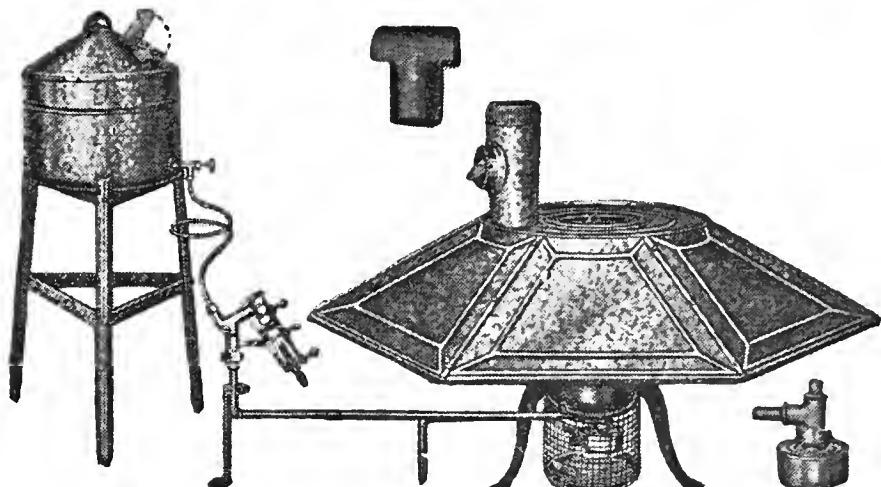
ATTENTION

To Buyers of Wool Bags

We have made arrangements to purchase 2 full cars of Wool Bags and will be in position to furnish you with any quantity at attractive prices. Write for our prices before making your purchase.

Your Chicks Are Safe With The 1938 HUDSON Dependable BROODER

Safety
Efficiency
Dependability
Convenience
At Low Cost



AN ECONOMICAL BROODER—Because it burns low priced distillate, costing but a few cents per gallon, in a New Marvelous QUITE WICKLESS burner which produces a **Steady** white-hot sootless flame. THE HOTTEST OBTAINABLE. Average fuel consumption less than 2 gallons of cheap oil in 24 hours.

A SAFE BROODER—Because the flow of oil is perfectly controlled by a precision made **AUTOMATIC REGULATOR** which prevents overheating and takes care of sudden changes in out-side temperature.

Works steady as a clock and is always on guard.

FIRE-PROOF—Because it is equipped with the improved metal sediment bowl which automatically traps all water and foreign material from the oil line. This is a first line defense against carbon formation and further decreases the need for cleaning the burner.

PLEASANT—The new Vulcan Silent burner eliminates all noise during operation and chicks are contented.

CONVENIENT—Because the abundance of soft, steady heat blankets the brooder room so that chicks may select the exact warmth they want. Ideal for turkey brooding.

No.	Size Brooder Room Desired	Chick Capacity	Weight	Price With Stand	Price Without Stand
134	10x12	300 to 500	44 lbs.	\$15.65	\$14.65
148	12x12	400 to 600	51 lbs.	17.25	16.25

Prices F. O. B. Great Falls, Montana

TS3 STAND for oil tank: Of heavy galvanized steel, well braced and constructed so that it may be anchored to the floor, thereby eliminating any danger of upsetting oil tank. Each, \$1.25, not postpaid. Weight 6 lbs.

No. 255 -- THE MASTER BROODER

Provides a great reserve of heating power for Severest Conditions

A SPECIAL FEATURE: The heat collector saves all heat from the top of the drum and passes it into the actual brooding area. None but Hudson has this space and heat saving design. Shelters the brood regardless of climate with its vast heat reservoir. Recommended for houses up to 14'x14' for 750 to 1000 day-old chicks, depending upon floor area. Complete with tank stand **\$21.95**; without stand **\$20.95** F. O. B. Great Falls, Mont.

NOTICE: These stoves require a 5" pipe. No pipe furnished. Order pipe and elbows extra from this catalogue.

REPAIR PARTS FOR YOUR HUDSON AIR BLAST OIL BROODER

No.	Price	P. Paid
Burner Cap for Burner	.25	.28
Metal Sediment Bowl	.10	.13
Sediment Bowl Washer	.05	.08
Wafer for Thermostat	.30	.38
Complete Automatic Valve Assembly	3.00	3.10

INCUBATOR AND BROODER SUPPLIES



SMOKE PIPE FOR COAL AND OIL BURNING BROODERS

Made in 2-foot lengths only.

Size	Wt.	Black	Galvanized
5 in.	2 lbs.	25c	35c

Add Postage



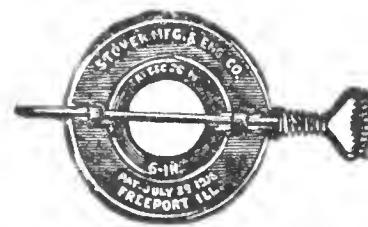
CORRUGATED ELBOWS

Size	Wt.	Price
5 in.	2 lbs.	25c

PIPE DAMPERS

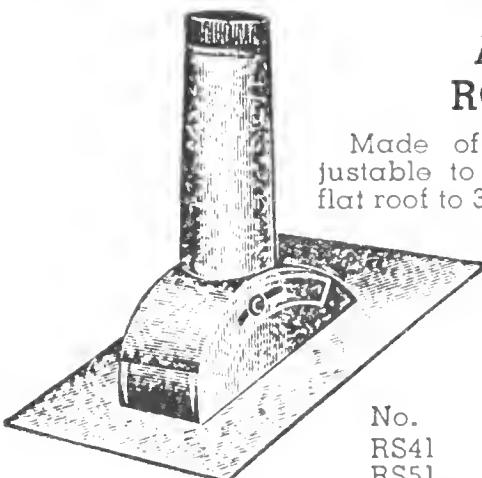
To be used in the stove pipe of coal burning brooders where a large amount of pipe is necessary, thereby reducing the draft.

Size	Wt.	Price
5 in.	1 lb.	25c



ADJUSTABLE ROOF SADDLE

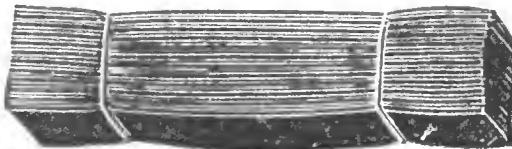
Made of galvanized steel and adjustable to any required angle from a flat roof to 30 pitch. Makes a thoroughly waterproof joint with any style of roof or roofing. No tools required and easy to install.



No.	Size	Wt.	Price
RS41	4 in.	5 lbs.	\$1.25
RS51	5 in.	5 lbs.	1.50

RED FELT LAMP WICKS

High grade felt wicks. A big improvement over the loose woven cotton wicks. No loose threads to burn uneven and smoke.



	Width	For Burner	Each	Per Dozen
No. 1	5/8	1	\$0.03	\$0.25
No. 2	7/8	2	.05	.45
No. 3	1 1/2	3	.06	.55

EGG-O-HATCH

MAKES HATCHING OF BABY CHICKS EASY

In powdered form, simply mix with water and spray over eggs in incubator. Strengthens the growing chick, weakens the egg shell, and betters the hatch. Large jar, enough for three large hatches. Each, 35c, postpaid.

MOISTURE GUIDE

With one of these moisture guides in the incubator, it is easy to keep just the right percentage of moisture in the machine at all times. In this climate, it is easy to run the incubator with too low a moisture content which lowers the hatch sometimes over 50 percent. Use this guide and see your hatches increase. Each, 75c, postpaid.

INCUBATOR EGG TESTERS

Of metal construction, fitted to be placed over incubator lamp. Indestructible and necessary. Each, 25c, postpaid.

DRAFT REGULATOR

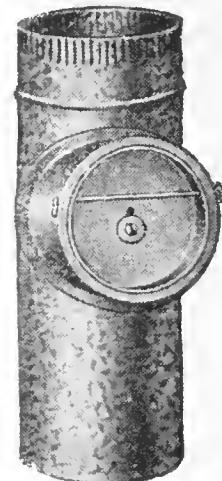
Should be installed in smoke pipe near stove. Prevents coal from burning too fast and prevents wind blowing smoke back down chimney and smothering fire.

No.	Size	Wt.	Price
DR5	5 in.	2 lbs.	75c

REVOLVING PIPE CAP

Should be used on all types of coal and oil burning brooders. Automatically revolves with the prevailing wind, thereby eliminating any danger of an exceptionally high wind disturbing or blowing out the brooder.

No.	Size	Wt.	Price
RC5	5 in.	4 lbs.	75c



MAKE YOUR OWN BROODER WITH THIS PUTNAM BROODER HEATER



\$4.75 Post Paid

Burns 10 days without attention

Price each, \$4.75, postpaid

Postpaid prices of part of Putnam Brooder Heater: Top, \$2.50; Tank, \$1.50; Burner, \$1.25; Wick Holder, 20c; Wicks, 40c per doz., postpaid.

LAMP BOWLS

Of extra heavy aluminum steel with strong handle. Small size, 50c, postpaid; medium size, 60c, postpaid; large size, 70c, postpaid.

LAMP BURNERS

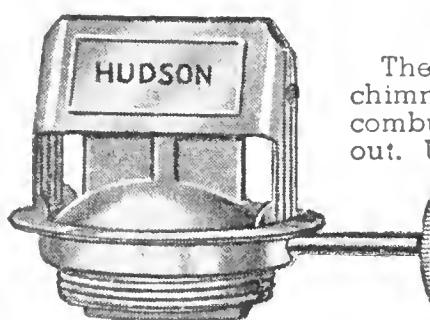
"SUN" HINGED LAMP BURNERS

For incubators and brooders. So designed that perfect combustion is assured. Easily cleaned and trimmed.

Size	Diam. of Cone	Wick	Price P. P.
1	2 1/2	5/8	40c
2	2 7/8	7/8	50c
3	3 1/2	1 1/2	75c

ZENITH LAMP BURNER

A "no-chimney" burner for incubators, brooders, fountain heaters. Perfect combustion without chimney. No. 1—5/8-in. wick, each, 50c, postpaid; No. 2—7/8-in. wick, each, 65c, postpaid.



SIMPLEX BURNER

The latest and most satisfactory no-chimney burner yet devised. Ideal combustion, no danger of fire going out. Used on lamp heated founts.

No. 2 takes a 7/8 in. wick. Each, 50c; postpaid, 53c.

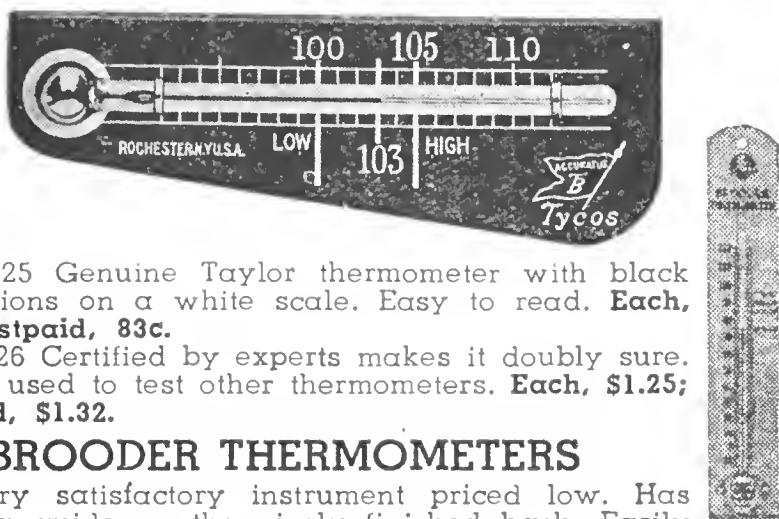
EXPANDING SCREWS

Made of brass to increase size of burner on oil founts.

No.	Increase Bowl From Size	Price P. Paid
206	1 to 2	10c
207	2 to 3	15c

A Corona Fire Extinguisher should be in every brooder house and especially where the old type brooders are used. See page 38.

INCUBATOR THERMOMETERS

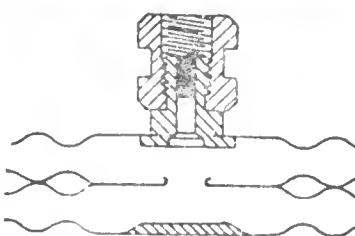


No. 125 Genuine Taylor thermometer with black graduations on a white scale. Easy to read. **Each, 75c; postpaid, 83c.**

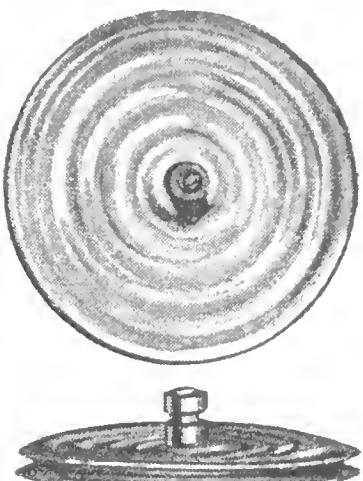
No. 126 Certified by experts makes it doubly sure. Can be used to test other thermometers. **Each, \$1.25; postpaid, \$1.32.**

BROODER THERMOMETERS

A very satisfactory instrument priced low. Has brooding guide on the nicely finished back. Easily read. **Each, postpaid, 45c.**



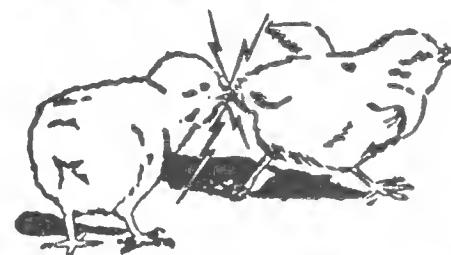
WAFER THERMOSTATS



Full double disc type, manufactured of the finest spring brass throughout, and precision-built to insure long life and maximum dependable action. **EXTRA: A UNIVERSAL WAFER.** Our new M6-63U combines three in one by the clever addition of a threaded sleeve. With this addition they can be used for all types of incubators, oil or coal brooders. Size 3-in. **Each, 25c; postpaid, 30c.**

BABY CHICK FOUNTAINS AND FEEDERS

LEE'S PICKPASTE



Stops Cannibalism. Blood colored; sticks to skin and feathers; antiseptic. Application to a few of flock is sufficient.

STOP TOE AND FEATHER PICKING Among Your Baby Chicks

Use PICKPASTE. This is a blood-colored salve which is greaseless and adheres well to wounds. Sticks well to skin and feathers. Very repulsive to chicks. Put a few daubs of PICKPASTE on the wings, back and toes, of 20 to 25 chicks in each hundred and you can soon stop the vicious habit. **Per 6 oz. jar, 60c. Shipping weight, 1 lb. Add postage.**

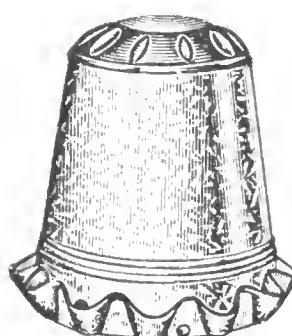
MASON JAR FOUNTAINS

Fits all standard Mason jars. Easy to fill and clean. Price does not include jar.

No. G25. Made of galvanized steel. **Each, 10c; 3 for 25c; postpaid, 33c.**

No. B25. The drinking dish or saucer is made of heavy, clear glass, easy to keep clean. Ideal for buttermilk, sour milk or medicine. **Each, 15c.** Weight 1 lb.

No. T25. Made of charcoal tin, will not rust, cannot be broken, and can be used for milk, medicine or water. **Each, 13c; 2 for 25c; postpaid, 33c.**



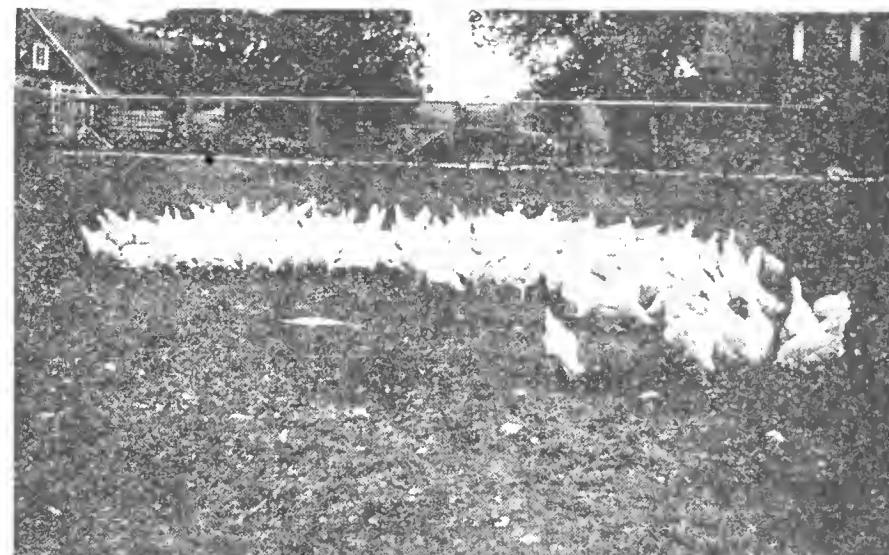
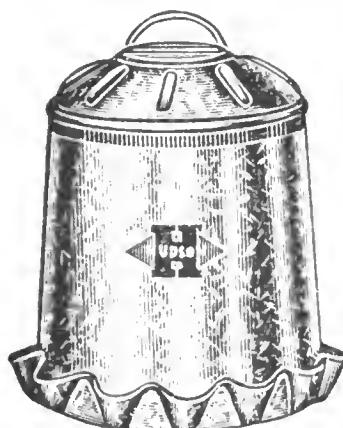
LEADER GALLON CHICK FOUNT

Ideal for baby chicks. May be carried when full without spilling. Cupped pan is correct size to prevent chicks getting into the water and provides maximum drinking space.

No. A-4; capacity 1 gal.; weight 1½ lbs. **Price, 50c.**

BANNER CHICK FOUNT
(2 Gal.)

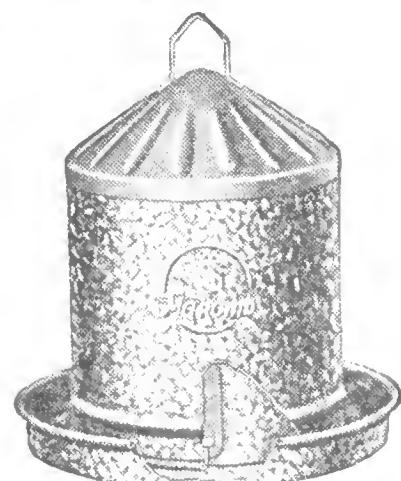
A two-piece bottom fill fountain made of heavy galvanized steel. Tank fills easily when inverted because of flat space at top. Ribbed cone prevents roosting. No. O2; capacity 2 gal.; weight 3 lbs. **Price, 88c.**



A flock of White Leghorn pullets raised by Mrs. John Bower, Highwood. These chicks purchased from us, brooded under our new oil blast brooder and raised on our feed. Note the uniform growth.

HANDY FILL CHICK FOUNTAIN

Keeps water fresh and pure. No danger of overflow or splashing when turning as drinking pan snaps over pan edge. The bail is reversible and the top part of the fountain forms a pail for carrying water. No. C2; capacity 2 gal.; weight 4 lbs. **Price, \$1.15.** No. C3; capacity 3 gal., weight 5 lbs. **Price, \$1.35.**

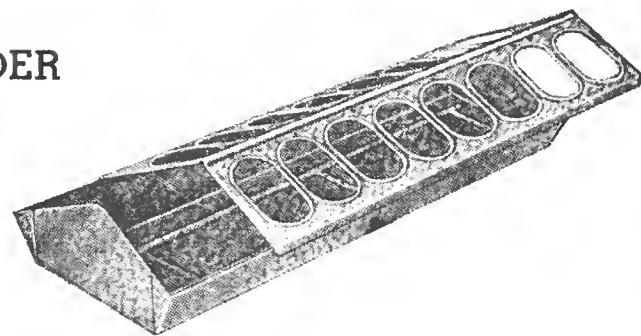
OUR LEADER
CHICK FOUNT

This is the most favored of all chick fountains. It offers new features for sanitation and convenience. The double wall interlocking cylinder principle does away with all slopping of water. Easy to fill and clean. Keeps water cooler in the summer on account of the double wall. No. G8-22; capacity 8 qts.; weight 5 lbs. **Price, \$1.35.** No. G8-23; capacity 12 qts.; weight 6 lbs. **Price, \$1.85.**

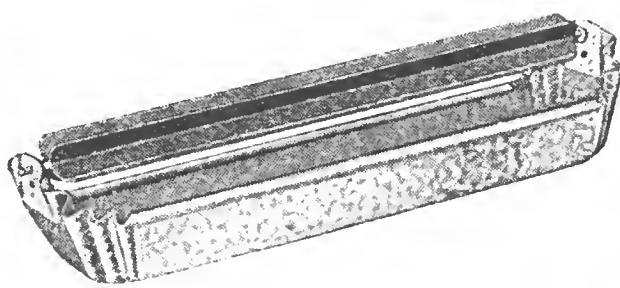
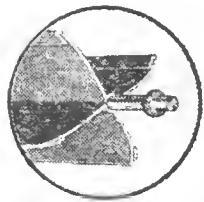
**SLIDE-GRILL
CHICK FEEDER**

A fine popular priced feeder. Pan and top both stamped in one piece. Sliding top easy to fill and keep clean. Smooth edge feeder holes. Width of trough at the top 4½ inches.

No.	Length	Wt.	Price
G10	10 in.	½ lb.	23c
G20	20 in.	1 lb.	33c



**"LEADS-ALL" CHICK FEEDER
(A Real Value)**



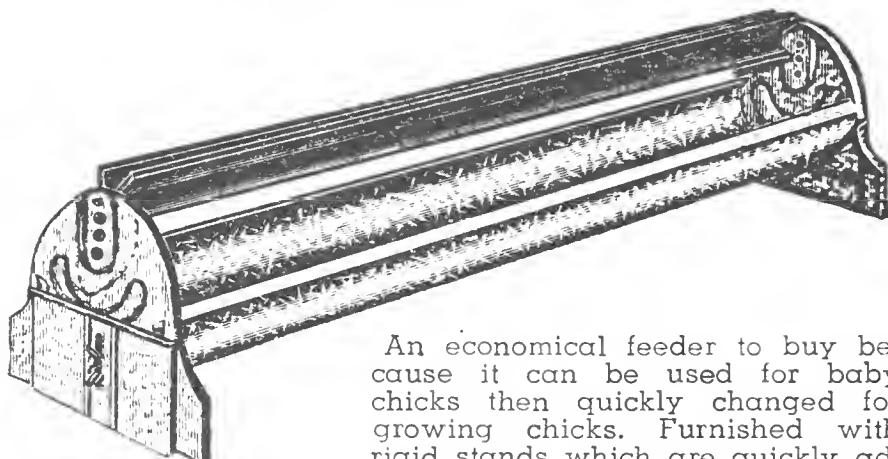
End View
of Reel

The trough is die stamped in one piece of prime heavy galvanized steel, and can be used for feed or water. The edges are turned in to prevent waste. Fitted with four-blade reel which revolves freely, prevents roosting and keeps chicks out of the trough.

No.	Length	Wt.	Price
212	12 in.	1 lb.	20c
218	18 in.	2 lb.	25c
224	24 in.	1½ lb.	30c
236	36 in.	2 lb.	50c

No. 224T. The same construction as our No. 224 but made out of charcoal tin so that it can be used for buttermilk. Each, 50c. Weight 2½ lbs. Add postage.

ADJUSTABLE CHICK FEEDER

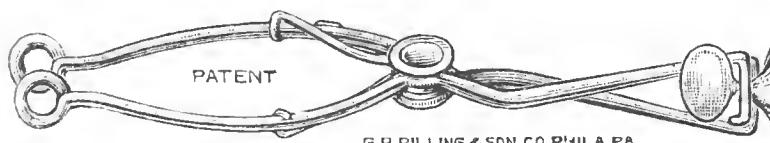


An economical feeder to buy because it can be used for baby chicks then quickly changed for growing chicks. Furnished with rigid stands which are quickly adjustable by the use of the wing nut. Four-blade reel easily adjusted to four positions as chicks grow.

No.	Length	Wt.	Price
424	24 in.	2 lbs.	55c
436	36 in.	3 lbs.	70c
448	48 in.	4 lbs.	95c

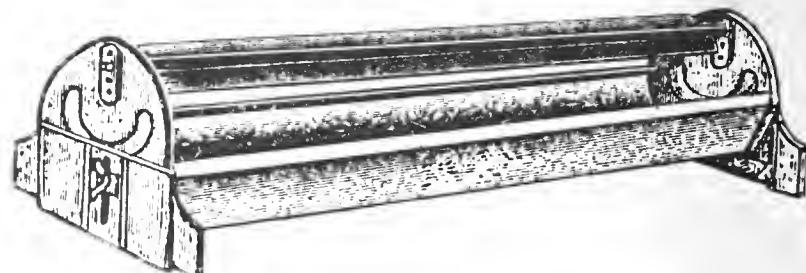
Feeder No. 324: The same construction as our No. 424 with the same adjustable four-blade reel but lacks the adjustable legs. Each, 50c. Weight 1½ lbs.

**LANSDOWNE AUTOMATIC TESTICLE
REMOVER**



An ideal remover for the beginner and is recommended by the poultry expert for this state. Will absolutely overcome the large percentage of "slips" which the beginner usually experiences. Each, \$1.50, postpaid.

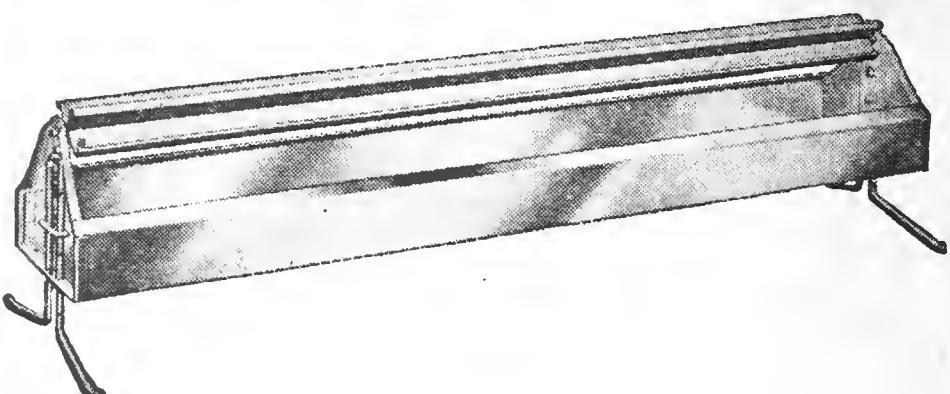
CHICK AND BROILER FEEDER



This new feeder with its fully adjustable metal stands and adjustable four-blade balanced reel is designed to take care of chicks from one day old to well past the broiler age. For small chicks feeder bottom is near the ground and reel is in low position, as chicks grow feeder is raised until maximum height of 2 inches is reached. With the feeder and the reel at top position this is an ideal feeder for broilers.

No.	Length	Wt.	Price
536	36 in.	4 lbs.	\$.90
548	48 in.	5 lbs.	1.10

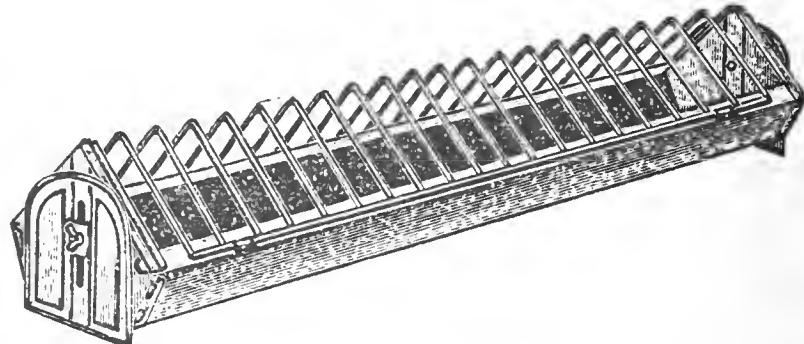
"ALL-AGE" AND "ALL-PURPOSE" FEEDER



A combination feeder for day old chicks to broilers and in addition can be used for milk, buttermilk, water or feed. Made of charcoal tin, which will not rust. THE BEST BUTTERMILK FEEDER ever introduced. Legs are adjustable without the use of wing nuts to five positions. Trough is 4¾ in. wide and 2¼ in. deep which gives extra large capacity.

No.	Length	Wt.	Price
H8-530	30 in.	3 lbs.	\$1.10

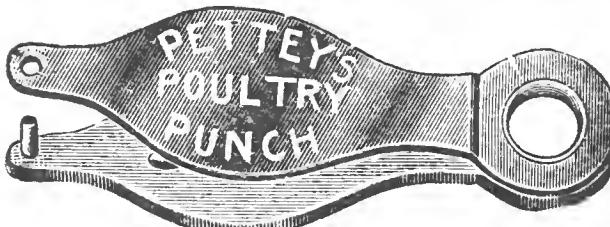
BROILER FEEDERS



Every flock owner will save money by using the broiler feeder. Too much growing mash is lost by trying to use baby chick feeder for broilers. If an egg mash feeder is used it is too large or high and the broilers do not obtain enough growing mash. Feeder can be raised as the broilers grow. Hinged grill makes cleaning and filling easy. Heavy galvanized steel trough is of extra large capacity.

No.	Length	Wt.	Price
730	30 in.	4 lbs.	\$1.15
748	48 in.	7 lbs.	1.60

Tested and Guaranteed Poultry Punches



The only safe way to mark baby chicks is by use of the toe punch.

No. 38, postpaid, each, 25c.

IDEAL PUNCH

New improved punch, scissors type, cuts clean, does not pinch foot. Price, 40c, postpaid.



Here's to the Egg—A tight-sealed package of Health

HEN FOUNTS AND FEEDERS



No.	Capacity
G8-194	5 gal.
G8-208	8 gal.
G7-55	5 gal.

THE NEW HEAVY CLEANABLE FOUNTAIN

Is made of extra heavy tight coated 26 gauge galvanized steel. Of double wall construction, which keeps the water cool in summer and retards freezing in winter. Outer cover telescopes snugly over the water container, and is easily removed for filling and cleaning. Inner pan has a convenient handle at the top so that it may be carried when full. Fowls simply cannot roost on the top.

Wt.	Price
12 lbs.	\$2.75
16 lbs.	3.50
11 lbs.	2.50

USE OUR VACUUM CONTROLLED HEATED FOUNT

for more eggs in cold weather. Five and eight gallon fountains of perfect proportions. Finer quality in construction and materials cannot be found. Fount is of same construction as our G8-195. The oil heater has an extra large oil bowl which holds enough oil for 14 days. Equipped with new type safety oil burner, which maintains water at just the right temperature during cold weather. Equipped with non-roost disc.

No.	Capacity	Wt.	Price
G8-196	5 gal.	17 lbs.	\$4.75
G8-209	8 gal.	21 lbs.	5.50

STANDARD 5 GAL. HEATED FOUNT

Exactly the same construction as our G8-196 but is not equipped with the non-roost disc and is made of 28 gauge steel.

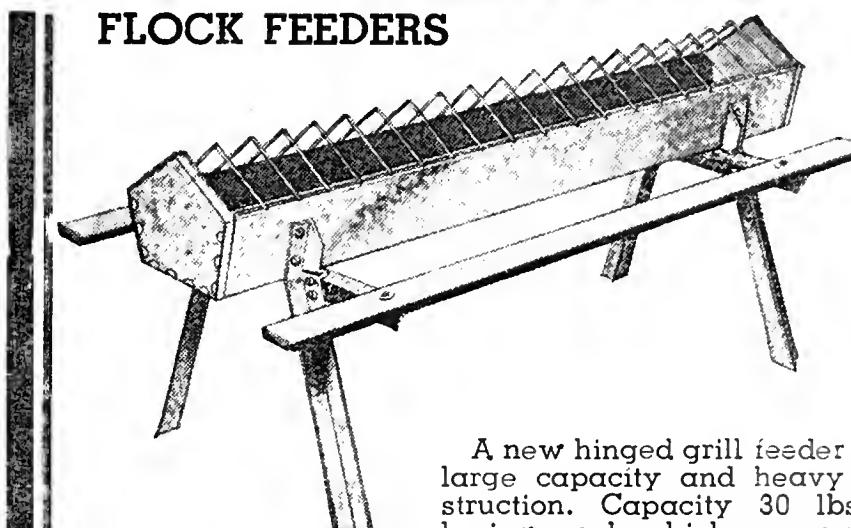
No.	Capacity	Wt.	Price
G7-56	5 gal.	11 lbs.	\$4.25



INSULATED FLOCK FOUNTAIN

Made on the same principle as a fireless cooker or vacuum bottle. Water placed in the fountain at 100 degrees with the outside temperature at zero will remain unfrozen for many hours. Very desirable for hot weather as it will keep the water cool for a long time. No clamps, valves, or heater. No danger of FIRE. Equipped with "tilt-top" disc so hens cannot roost on it. No. W3, capacity 3 gal., wt. 19 lbs. Price \$4.75.

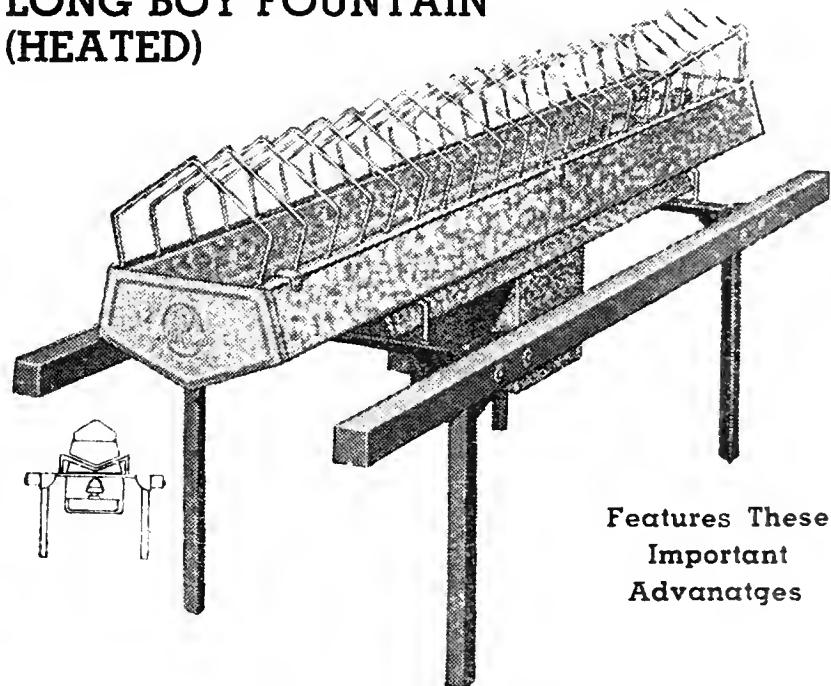
FLOCK FEEDERS



A new hinged grill feeder with large capacity and heavy construction. Capacity 30 lbs. of laying mash which serves up to 50 hens. Steel legs with heavy cross pieces. Perches mite and water proof. Heavy steel grill prevents hens from roosting on top. One inch lip on hopper prevents waste.

No.	Length	Capacity	Wt.	Price
24S	4 feet	30 lbs.	15 lbs.	\$3.00
H8-95	5 feet	40 lbs.	20 lbs.	3.90
H8-98	8 feet	65 lbs.	35 lbs.	5.00

LONG BOY FOUNTAIN (HEATED)



Features These Important Advantages

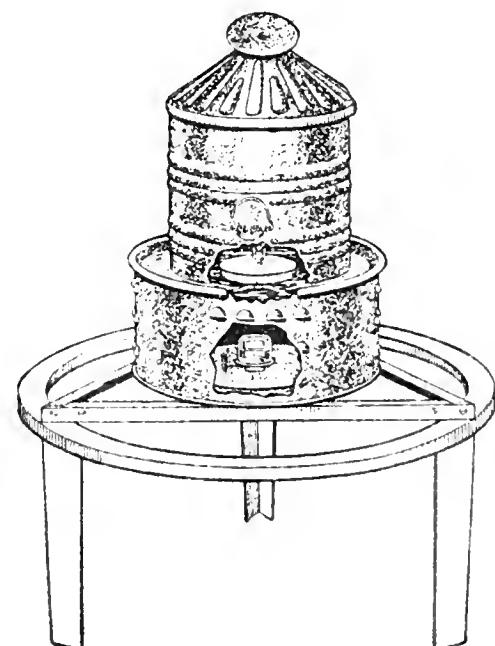
Loose trough so all routine cleaning and handling is made easier. Perches 2 in. square and 17 in. above the floor. Trough 26 gauge galvanized steel 10 1/4 in. wide, 5 1/4 in. deep with non-roost grid. Fountain includes 1 in. brass overflow tube in a big rubber drain plug. Big lamp with heavy duty Phoenix burner in a steel housing, and a heat manifold extending under the trough to use all the heat from the burner. The ideal fountain for large flocks.

No.	Length	Wt.	Price
H8-100	5 feet	33 lbs.	\$7.85

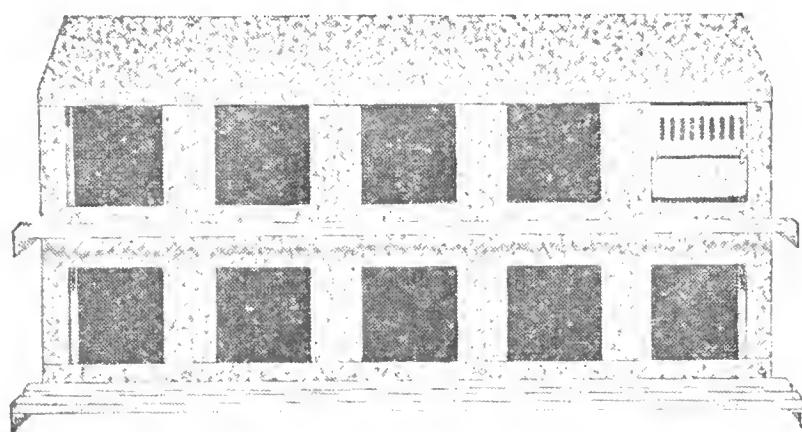
Must be shipped by freight or express.

NEW STYLE FOUNTAIN STAND

Made entirely of extra heavy 16 gauge steel throughout. Cannot warp or shrink. The round perch is nearly 30 inches across and held 15 inches above the floor. Keeps floor dry around the fountain and holds fountain high enough to prevent hens scratching litter into water trough. No. G8-13, weight 8 lbs. Ea., \$1.75.



Steel Nests



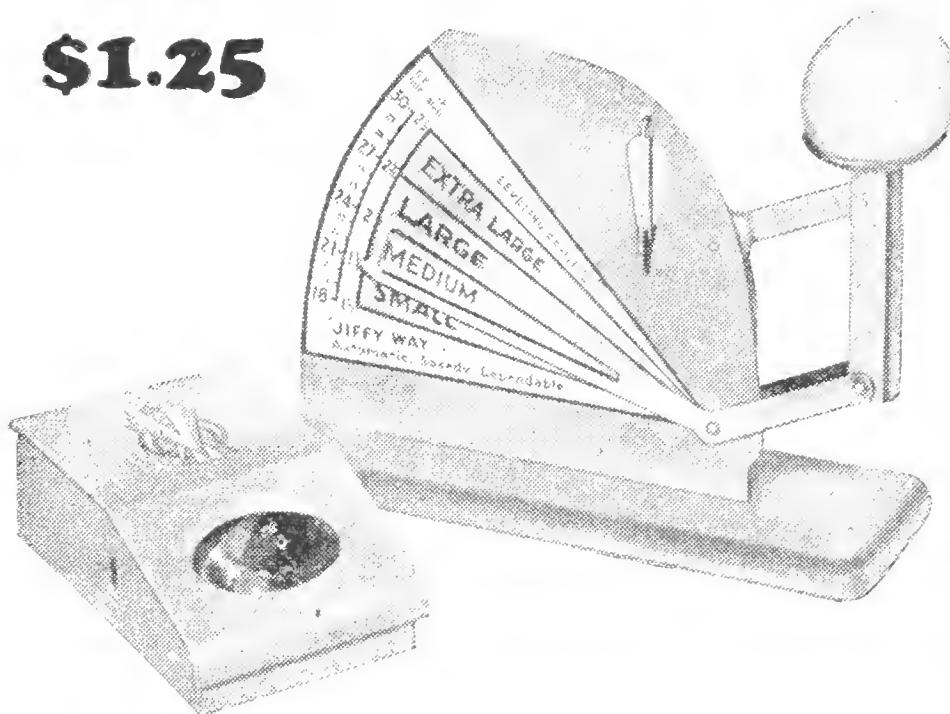
Now you can have the benefit of all metal vermin proof nests at lower costs. Give your hens 20 nests for every hundred birds and you'll make it back in clean, unbroken eggs. Nests full size, strongly built of steel, have heavy perch supports that fold to close nests.

No.	No. Nests	Wt.	Price
J8-1	6	31 lbs.	\$ 5.50
J8-2	10	47 lbs.	8.25
J8-4	15	67 lbs.	12.00

"Jiffy" Egg Grading Scale

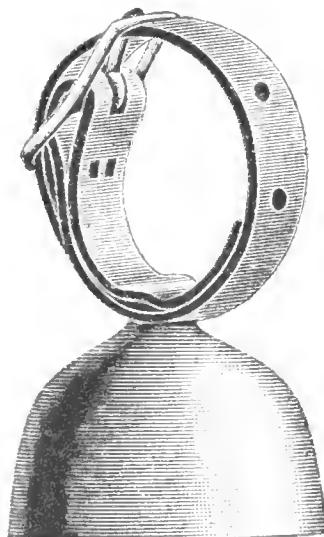
Grade your eggs at home and get the "top" prices. Made of heavy steel, baked enamel finish, strong and durable. Colored zone dial, which instantly shows the correct weight. No. 306, weight 1½ lbs.

\$1.25



THE "JIFFY-WAY" EGG CANDLER

Portable Candler operates on small dry batteries. Complete with batteries, bulb and reflector. A slight pressure on the egg flashes on the light. Any 1¼x2¼ flash light battery can be used. By candling and weighing your eggs at home you can always get better prices. No. 308, weight 1 lb. Price, 80c.



TURKEY BELLS

Made of genuine bell metal, with good leather straps and buckles. Protect your turkey flock from preying animals and hawks by placing these bells on just a few of the birds. Enables the flock to be easily located. Each, 35c; 3 for \$1.00.

CEL-O-GLASS

NOW GUARANTEED FOR 5 YEARS

Cheaper to use than window glass and gives better results. Wind and rain proof but admits the ultra-violet rays. It's easy to handle—cuts quickly with shears into correct length. It's easy to apply—tacks in place and stays in place.

Width	Weight Per Running Foot	Price Per Running Foot
28 in.	8 oz.	30c
36 in.	9 oz.	38c

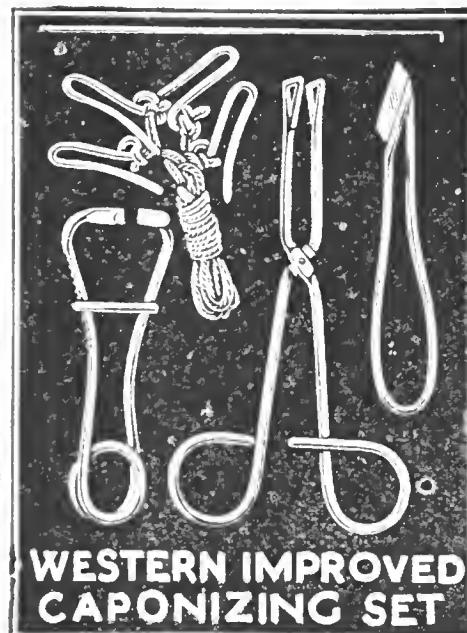
INSIST ON ORIGINAL

GLASS CLOTH

Thick paraffin coating on both sizes, making it double weather proof. Transmits all the effective ultra-violet rays.

Amount	Width	Wt.	Price
1 run. ft.	36 in.	6 oz.	\$0.09
30 run. ft.	36 in.	8 lbs.	2.40
45 run. ft.	37 in.	12 lbs.	3.50

CAPONIZING SET



WESTERN IMPROVED CAPONIZING SET

No. 410—The Western Improved Caponizing Set, a practical and complete set of instruments for caponizing fowl. Consists of: **Cord** and **Hook** attachments to hold the bird securely, **Knife** for making incision, **Spreader** to hold the incision open, **Sharp Hook** to perforate the thin membrane, **Forceps** for removing the organ. All finely finished and nickel plated. Packed complete with instructions for use.

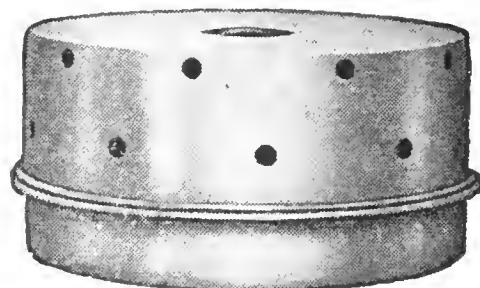
Shipping weight
8 oz. Price per set \$2.95

LITTLE PUTNAM STOVE

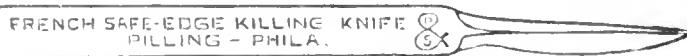
Burns one month without attention. Used for heating fountains and oat sprouters. Price \$1.95 postpaid.

Wicks for above, Each, 4c; doz., 20c, postpaid.

Wick and holder. Each, 12c, postpaid.



KILLING KNIFE



By simply turning the wrist the jugular vein and spinal cord are cut, thereby bleeding the fowl, allowing the feathers to be removed without using water. Each, 50c.

Graham & Ross Aluminum Leg Bands

Made with large numbers, easy to read and adjustable to any size fowl.



POSTPAID PRICES

12 bands	\$0.15
25 bands	.25
50 bands	.45
100 bands	.75

Diamond G Colored Leg Bands

Furnished in cerise, red, blue, yellow and green. State for what breed.

Price postpaid to your station:

12 bands	\$0.10
25 bands	.15
50 bands	.30
100 bands	.55



We Recommend Burrell-Dugger Poultry Remedies**POULTRY
HELPS**

YOUR MONEY BACK IF YOU ARE NOT THOROUGHLY SATISFIED WITH THE RESULTS



our guarantee—it must satisfy you in every way, or we will refund your money.

It pays to use Don Sung the year round.

TABLET FORM

50c Size (This is the Trial
Guaranteed Size)
\$1.00 Size (3 times 50c size)
\$5.00 Size (6 times \$1 size)

POWDERED FORM

3 lbs.	\$ 5.00
10 lbs.	10.00
25 lbs.	20.00
50 lbs.	35.00

Don Sung is concentrated medicine—no bulk or filler—ready to add to the mash-feed. It has a direct tonic action and doesn't force or hurt the hen in any way. It does its wonderful work by putting the hen in good health, and helping maintain that health.

COSTS NOTHING TO TRY. Every poultry raiser is invited to try Don Sung—at our risk. Separate 15 hens and give them Don Sung for one month. The 50c trial size handles this test. If Don Sung pays you, keep on with it. If you don't think it has paid you, tell us, and back comes your money. No argument to it. Don Sung is guaranteed—try it—at our risk.

TALCIMIZED SODIUM FLUORIDE

(Called "T. S. F.")

KILLS ALL CHICKEN LICE**"I Need T. S. F."**

both adults and young, including the young which emerge from the eggs present at the time of treatment."

This sodium fluoride method is also now being endorsed by the leading agricultural colleges of the country. It's wonderful. One application enough!

After you have had an opportunity to see how T. S. F. will kill all poultry lice—you will use nothing else. Give it a trial this season—if you are not completely satisfied, we will promptly refund your money. Made in three sizes:

35c size (treats 50 fowls); 60c size (twice 35c size); special size, \$2.50 (five times 60c size).

Authorities Recommend T. S. F.

WHAT TO DO

For Hens That Won't Lay	For Roup and Colds
For Chick Diarrhea	For Canker

Group-Over**WATCH FOR ROUP!****COLDS AND CANKER**

Birds Sneeze, Wheeze, and Choke. Nose Runs, Eyes Swell. Disease spreads rapidly. Act at once!

Roup is a germ disease. It is highly contagious and, unless correct treatment is begun at once, can soon kill an entire flock. It usually begins with what is seemingly an ordinary cold. At the very first symptom of trouble, give the whole flock Group-Over.

Group-Over clears the air passages with magic quickness. Gets rid of the mucous and catarrhal discharge. Promptly controls the disease, and exerts an antiseptic, soothing, healing action on the membranes.

Can be used either for individual treatment of severe cases or administered as a vapor to several birds at same time—both ways very effective. Better yet, it can be placed in the drinking water as a preventative for the whole flock.

Regular size bottle (trial guaranteed size)	\$0.50
Large size bottle (3 times 50c size)	1.00
Quart size (contains more than 5 times the \$1 size)	3.00

Any size shipped promptly. All charges prepaid.

**For Chick
DIARRHEA**

Don't sit back and say your loss of baby chicks can't be stopped. It can be stopped—easily, quickly, and at almost no expense by using Avicol in the drinking water occasionally. Avicol is a special bowel astringent, and helps the chick withstand infection.

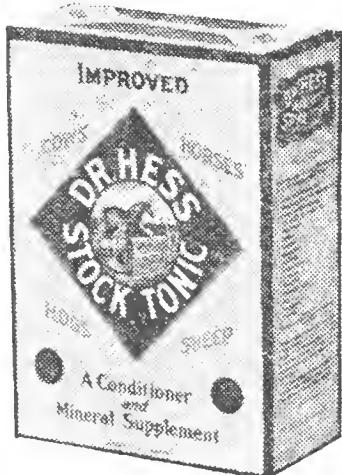
Easy to give. Simply drop an Avicol Tablet in the drinking water. The chickens doctor themselves.

Avicol should be in the very first water the chicks drink. And it costs so little that it will pay you to keep it in the drinking water all the time for all the flock, old and young.

PRICES: Small guaranteed size, 50c; large size (3 times 50c size), \$1.00; special size (6 times \$1.00 size) \$5, prepaid.

THE DR. HESS PRODUCTS

WE TAKE pride in handling Dr. Hess Products because we are in a position to know about the honesty and sincerity of the Company who makes them. We know we can sell them with the definite conviction that they will do an honest job for you farmers. They will do what the directions on the various packages say they will do. Here are some things we want you to know about the Dr. Hess products.

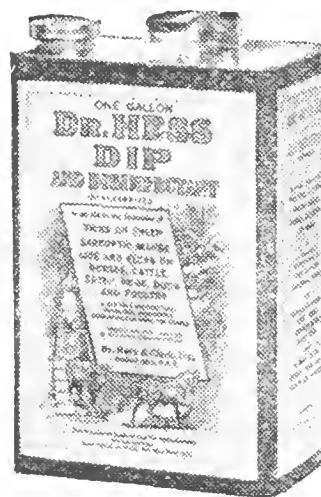


DR. HESS STOCK TONIC

A conditioner and mineral supplement for cows, horses, sheep and hogs. Increases appetite, aids digestion and assimilation. Promotes proper elimination. Tests show cows receiving Tonic consume 7 to 10 percent more feed and give 18 to 20 percent more milk. Feeder cattle show average increased daily gain one-third pound per head. Valuable aid to calving. Conditions horses for spring work. 3 lbs., 55c; 7 lbs., \$1.15; 15 lbs., \$2.20, F. O. B. Great Falls.

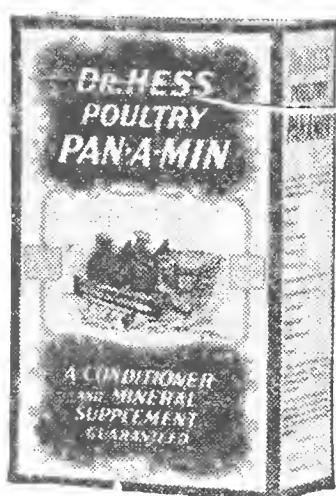
DR. HESS DIP AND DISINFECTANT

Standardized quality disinfectant for use in stables, barns, poultry houses, and for killing ticks, lice, mites, and other parasites on livestock. Has 5 carbolic acid coefficient. Makes milky white emulsion. Costs less to use than cheaper inferior products. 1 qt., 60c; 1/2 gal., 90c; 1 gal., \$1.50. Write us for prices in larger amounts. All prices F. O. B. Great Falls.



DR. HESS POULTRY PAN-A-MIN

A conditioner and mineral supplement for poultry. Tests show that birds receiving Pan-a-min regularly lay an average of 19 more eggs per year; baby chicks grow faster, mature earlier. Helps shorten moulting period. Costs but 10 cents per hen per year. 1 1/2 lbs., 30c; 3 lbs., 55c; 7 lbs., \$1.15; 15 lbs., \$2.20; 25 lbs., \$3.30; 100 lbs., \$10.80, F. O. B. Great Falls.



DIAMOND G YELLOW TAG EGG MASH

The best and easiest way to use Dr. Hess Poultry Pan-a-min is to feed Diamond G Yellow Tag Egg Mash which contains Pan-a-min. In this product you have a combination of high quality feed ingredients, a conditioner and mineral supplement.

Diamond G Yellow Tag Egg Mash supplies birds with all essential food elements, vitamins and minerals, together with tonics, laxatives, diuretics, to promote appetite, and aid in the digestion and assimilation of feed, and in the elimination of waste materials.

Diamond G Yellow Tag Egg Mash is licensed and approved by the Dr. Hess & Clark Research Farm. Just the right amount of Pan-a-min for best results. Per 100 lbs., \$3.00; in ton lots, \$2.80 per hundred, F. O. B. Great Falls, Mont. Prices subject to market changes.

1. That all Dr. Hess products are tested at the Dr. Hess & Clark Research Farm.

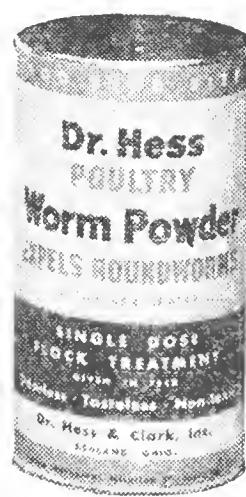
2. That they have proved practical in ordinary farm use before they were ever offered for sale.

3. That all Dr. Hess products **make money**. They cost you a little when you buy them. They **make you money** when you sell your livestock and poultry.

4. That they are all guaranteed to do what they are made to do when used according to directions.

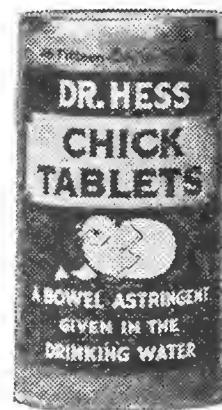
DR. HESS POULTRY WORM POWDER

A single dose flock treatment given in feed. Active principle, nicotine combined with other materials which make it insoluble until it reaches intestines where it is released full strength. Odorless, tasteless, non-toxic. Does not interfere with egg production or feed consumption. 2 oz. for 50 birds, 50c; 4 oz. for 100 birds, 90c postpaid.



DR. HESS CHICK TABLETS

Effective for diarrhoeal discharges of both baby chicks and grown birds; a bowel astringent given in drinking water. Once the tablets are in solution they remain so indefinitely. The water is thoroughly medicated and is all good until used. Small size, 50c; large size, 2 1/2 times as many, \$1.00, postpaid.



DR. HESS UDDER CINTMENT

A penetrating, soothing emollient for bruised, caked or swollen udders, cracked or chapped teats and other bruises or superficial injuries. 7 oz. can, 50c, postpaid.



DR. HESS POWDERED LOUSE KILLER

Kills lice on stock, poultry; bugs on cucumber, squash and melon vines; slugs on rose bushes. Kills winter ticks on sheep. If used in dust bath, poultry will delouse themselves. Efficient, convenient, economical. Put up in handy sifter top cans. 1 lb., 30c; 2 1/2 lbs., 65c, Great Falls.



GRAHAM & ROSS WORMING MASH

Glance up this column and you'll see a few words have been devoted to telling you about Dr. Hess Poultry Worm Powder, what a fine worm remedy it is, and how easy it is to use. Now we've gone just one step farther with this fine remedy to make it still more convenient for your use. We have combined it just the right way with our Egg Mash. So now all you have to do is put a feed of Graham & Ross Worming Mash before your chickens and they are wormed. That's all there is to it—no fuss, no fiddling around catching chickens and trying to dope them with something. And you can take it from us, there is no finer wormer offered than our Egg Mash with Dr. Hess Poultry Worm Powder added.

Graham & Ross Worming Mash is approved and licensed by the Research Farm of Dr. Hess & Clark. 50 bird treatment, 75c, weight 3 lbs.; 100 bird treatment, \$1.25, weight 5 lbs.

Lice and mites reduce your poultry profit

Controls Round Worms

"GOLD LEAF" TOBACCO POWDER

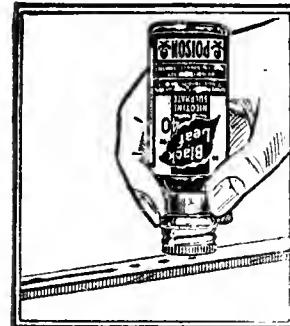


"GOLD LEAF"

TOBACCO POWDER

"Gold Leaf" Tobacco Powder is especially manufactured for controlling round worms. Simply mix 2 pounds of powder with 100 pounds of dry mash. We guarantee that "Gold Leaf" will retain its nicotine strength when stored in a dry place. Ordinary Tobacco Dust always loses its strength with age. 2 lbs., 39c; 10 lb. pkg., \$1.35; 100 lbs., \$6.50. Add postage.

"Black Leaf 40"



BLACK LEAF 40 GUARDS POULTRY FROM LICE

Long lasting, easy to apply, very effective. Simply paint on the roost and the entire flock is easily deloused at one time. New "Cap-Brush" method cuts cost as it will now go much farther.

Size	Ship Wt.	Price
1 oz.	1/2 lb.	\$0.35
5 oz.	1 lb.	1.00
1 lb.	2 lbs.	2.25
2 lbs.	3 lbs.	3.35
5 lbs.	7 lbs.	6.25

EGG-O-LATUM FOR PRESERVING EGGS

Rub a little Egg-o-latum on your hands. Then roll and rub the eggs in your hand. Lay them away in an egg crate in a dry, cool place. Turn the crate upside down occasionally, and they will keep perfectly fresh for one year.

Egg-o-Latum is colorless, odorless, tasteless and non-poisonous. It protects eggs from air, odors, germs and decay.

Eggs coated with Egg-o-Latum can be boiled, fried, poached or whipped, same as fresh eggs. Avoid dampness. Price per jar, 50c—sufficient for 50 dozen eggs. Large size, \$1.00—for 200 dozen eggs.

TOXITE DISEASE CONTROL SPRAY

Every farmer and breeder of poultry, livestock, rabbits, foxes, dogs and other animals will find Toxite invaluable for the control and prevention of diseases and parasites.

This powerful germicide kills all disease germs, including coccidiosis and round and tapeworm eggs. Toxite is equally effective and economical for killing lice, red mites, flies, ticks, bedbugs, ants, roaches and other pests. Easy to use. Safe. Inexpensive.



Controls Poultry Coccidiosis (Bloody Diarrhea), Round Worms (Ascaridia), and Red Mites which are transmitted by contaminated litter.

Manufactured by THOMAS G. O'LEARY, FARM, INC., CANTON, MARYLAND

Size	Ship Wt.	Price
Quart	3 lbs.	\$0.60
Gallon	9 lbs.	1.50
5 Gallons	43 lbs.	6.75

THE BEST TREATMENT OF DISEASE IS PREVENTION



B-K IN POWDER FORM

9 1/3 oz. Makes 1 gal. liquid	\$0.75
1 3/4 lbs. Makes 3 gal. liquid	1.50
Add Postage	

LICENE

For individual treatment in killing poultry lice, we recommend this as the best. In salve form, easy to apply. Per large tube, 60c; postpaid, 65c.

LEE'S REMEDIES

	Size	Wt.	Price
Lee's Germozone (Liquid).....	12-oz. bot.	2 lbs.	\$0.75
" " "	32-oz. bot.	5 lbs.	1.50
" " "	1/2-gal. bot.	9 lbs.	2.50
" " "	1-gal. bot.	16 lbs.	4.50
Lee's Gizzard Capsules (Adult Size).....	50-cap. pk.	P.Pd.	.75
" " "	100-cap. pk.	P.Pd.	1.35
Lee's Gizzard Capsules (Pullet Size).....	50-cap. pk.	P.Pd.	.50
" " "	100-cap. pk.	P.Pd.	1.00
Lee's Gizzard Capsules (Chick Size).....	50-cap. pk.	P.Pd.	.40
" " "	100-cap. pk.	P.Pd.	.75
Lee's Pinjectol (For Pin Worms).....	12-oz. bot.	2 lbs.	1.00
Leemulsion (For Bronchitis).....	12-oz. bot.	2 lbs.	1.25
" " "	32-oz. bot.	5 lbs.	2.25

	Size	Wt.	Price
Lee's Vapo-Spray.....	1-qt. can	3 lbs.	.75
" " "	1/2-gal. can	6 lbs.	1.25
Lee's Lice Killer.....	1-qt. can	3 lbs.	.60
" " "	1/2-gal. can	6 lbs.	.90
Lee's Louse Powder.....	1-gal. can	11 lbs.	1.50
" " "	1-lb. can	1 1/2 lbs.	.30
Lee's Pickpaste.....	2 1/2-lb. can	3 lbs.	.60
Lee's Dip and Disinfectant.....	6-oz. jar	2 lbs.	.60
" " "	1-qt. can	3 lbs.	.60
" " "	1/2-gal. can	6 lbs.	.90
Lee's Dip and Disinfectant.....	1-gal. can	11 lbs.	1.50
" " "	5-gal. can	45 lbs.	5.50

A Poultryman's Success Depends on WHERE He Gets His Chicks

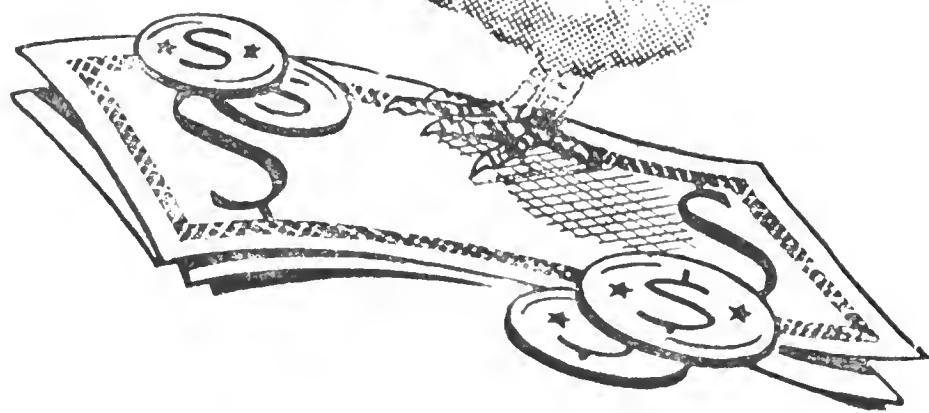
**Easy to
Raise
Economical**

BIGGER PROFITS

**Strong
Husky**

Lee's "Master-Mated" baby chicks have proven their livability and layability.

We are pleased that we are again able to offer to our many hundreds of customers the same strong, husky, easy to raise baby chicks that just can't help turning into those high consistent egg layers.



THE LLOYD A. LEE
"MASTER-MATED"
BABY CHICKS OR
PULLETS

Remember: When purchasing chicks the cost of the baby chick represents only 10 per cent of your investment in housing, feed and equipment, but the difference between poor layers and proven layers is your profit.

All prices prepaid to your station and we GUARANTEE 100% LIVE DELIVERY.

BABY CHICKS (Not Sexed)

Breed

			Per 25	Per 50	Per 100	Per 1000
White Leghorns (Regular)	To April 24		\$3.50	\$6.25	\$11.50	\$110.00
Above Breed	April 24 to May 22		3.25	5.75	10.50	100.00
White Leghorns (Hanson)	To April 24		4.00	7.25	13.50	125.00
Above Breed	April 24 to May 22		3.75	6.75	12.50	120.00
White Leghorn and Black						
Minorca Cross	To April 24		3.60	6.50	12.00	.....
Above Breed	April 24 to May 22		3.35	6.00	11.00	.....
Rhode Island Reds, Barred Rocks,						
Brown Leghorns, Anconas	To April 24		3.75	6.75	12.50	115.00
Above Breeds	April 24 to May 22		3.50	6.25	11.50	110.00
New Hampshire Reds	To April 24		4.00	7.25	13.50	125.00
Above Breed	April 24 to May 22		3.75	6.75	12.50	120.00
Jersey White Giants	To April 24		4.50	8.25	15.50	.....
Above Breed	April 24 to May 22		4.25	7.75	14.50	.....
White Rocks	To April 24		4.00	7.25	13.50	.....
Above Breed	April 24 to May 22		3.75	6.75	12.50	.....
Buff Orpingtons, Black Minorcas						
or White Minorcas	To April 24		4.25	7.75	14.50	.....
Above Breeds	April 24 to May 22		4.00	7.25	13.50	130.00
White Wyandottes	To April 24		4.55	8.00	15.00	.....
Above Breeds	April 24 to May 22		4.15	7.50	14.00	.....

TERMS: A deposit of \$2.50 per hundred chicks or 2½c per chick is required at time order is placed; balance C. O. D.

PRICE REDUCTION: On May 2nd a further reduction of ½c per chick will apply, on the above prices.

Assorted Chicks

Postpaid Prices

	Per 25	Per 50	Per 100
Heavy Breeds—(Not Sexed).....	\$3.00	\$5.50	\$10.00
Light Breeds—(Not Sexed).....	2.75	5.00	9.00
Heavy Breed Pullets.....	4.50	8.00	15.00
Light Breed Pullets.....	5.25	9.50	18.00

We guarantee 95% Pullets When Sexed.

Baby Cockrels or Broiler Cockrels

Mixed Varieties—Prices Postpaid.

Light Breeds, prior to March 6th, per hundred.....			\$4.00
Light Breeds, after March 6th, per hundred.....			\$3.00
No order for less than 100 light breed cockrels accepted			
Heavy Breed Cockrels (Make good Capons)....	Per 25	Per 50	Per 100

Heavy Breed Cockrels (Make good Capons).... \$3.25

\$5.75

\$10.50

Day Old Pullets

Prepaid Prices

OUR GUARANTEE: We guarantee at all times 95% pullets. If through accident or error an order should contain more cockrels than guaranteed, proper verification must be made to us within 12 weeks of shipment. In such case we will refund the FULL PRICE of the day old pullets for the number of cockrels in excess of the guarantee. We guarantee 95% pullets and 100% live delivery. A deposit of 3c per pullet or \$3.00 per hundred at time order is placed and balance C. O. D.

Breed		Per 25	Per 50	Per 100	Per 500
White Leghorns (Regular).....	To April 24	\$6.50	\$12.50	\$24.00	\$115.00
Above Breed.....	April 24 to May 22	6.00	11.50	22.00	105.00
White Leghorns (Hanson).....	To April 24	7.25	14.00	27.00	130.00
Above Breed.....	April 24 to May 22	6.75	13.00	25.00	125.00
White Leghorn with Black					
Minorca Cross.....	To April 24	6.75	13.00	25.00	.....
Above Breed.....	April 24 to May 22	6.25	12.00	23.00	105.00
Rhode Island Red, Barred Rocks.....	To April 24	4.75	8.75	16.50	80.00
Above Breeds.....	April 24 to May 22	4.50	8.25	15.50	75.00
New Hampshire Reds.....	To April 24	5.00	9.25	17.50	85.00
Above Breed.....	April 24 to May 22	4.75	8.75	16.50	.....
Buff Orpingtons.....	To April 24	5.50	10.75	19.50	.....
Above Breed.....	April 24 to May 22	5.00	9.50	18.00	.....
Black or White Minorcas.....	To April 24	7.50	14.50	28.00	.....
Above Breeds.....	April 24 to May 22	7.00	13.50	26.00	.....
White Wyandottes.....	To April 24	5.75	11.00	21.00	.....
Above Breed.....	April 24 to May 22	5.25	10.00	19.00	.....
White Rocks.....	To April 24	5.00	9.25	17.50	.....
Above Breed.....	April 24 to May 22	4.75	8.75	16.50	.....
Brown Leghorns, Anconas.....	To April 24	6.75	13.00	25.00	.....
Above Breeds.....	April 24 to May 22	6.25	12.00	23.00	.....

PRICE REDUCTION: On May 22nd a further reduction of 1c per pullet with the exception of Rhode Island Reds and Barred Rocks which are reduced $\frac{1}{2}$ c per pullet will apply from above prices.

PLEASE ORDER EARLY

Every year, we are forced to cancel chick orders for customers who wait until the last minute. The capacity of The Lee Hatchery and size of breeding flocks is small and Mr. Lee WILL NOT GO INTO THE OPEN MARKET for chicks or eggs so if you wish LLOYD A. LEE "MASTER-MATED" CHICKS that have proven themselves in this territory ORDER NOW. A small deposit will protect your favorite date.

PETS AND SUPPLIES

METHOD OF SHIPPING: All birds, goldfish and livestock should be shipped by Express. Bowls and bird cages may be sent by Parcel Post but we recommend Express shipments for these articles. Be sure and give both your Post Office and Express Station, if different.

SINGING CANARIES (Males)

LEGAL GUARANTEE

With each bird sold we furnish a legal guarantee which enables the purchaser, if not satisfied with the song of the bird purchased, to exchange it for another.

X-L GOLDEN VOICED SONGSTERS

These birds are imported for us by Max Geisler. They are raised in Germany by people who have handed down their secrets of bird training and breeding from generation to generation. Their song is not of the "hit or miss" variety but each bird is carefully trained to carry his song without breaking and chirping. We can supply them either in the St. Andreasberg Rollers or Chopper type. The Choppers roll and sing notes while the true Rollers do not sing any notes with their mouth open, but control their song entirely in their throat. Each, \$6.95, F. O. B. Great Falls.

FEMALE CANARIES

St. Andreasberg: Females with the same singing instinct as males of this type. They will produce soft voiced songsters. Each, \$3.00, F. O. B. Great Falls.



EXTRA SELECT

GOLDEN VOICED SONGSTERS

These birds are the very best of all of the birds that are imported from Germany each year. They have been doubly checked and selected both before shipping and after they have arrived in this country. Each, \$10.00, F. O. B. Great Falls.

CHOPPER FEMALES

These females have the same bloodlines as our golden-voiced songsters. Male birds from these females will have a wide variety of songs. Each, \$3.00, F. O. B. Great Falls.

AMERICAN RAISED FEMALES

Strong, healthy birds will be found satisfactory for mating with ordinary singers. Each, \$1.50, F. O. B. Great Falls.

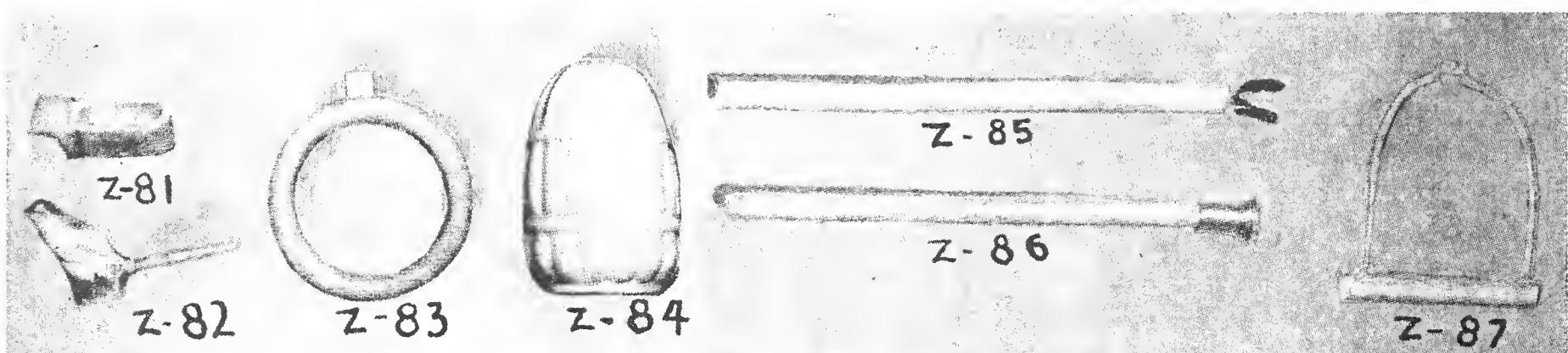
LOVE BIRDS

These birds are the most beautiful of all that can be successfully caged. They will mate if placed in a cage about 3 ft. by 2 ft. and a regular parakeet nest placed in the cage. They can be taught many tricks and will provide hours of amusement.

Green, per pair, \$6.00; Yellow, per pair, \$7.00; Blue, per pair, \$7.00; White, per pair, \$8.00. Extra males at one-half the above prices. Extra females 20 per cent above one-half the pair price.

FINCHES AND OTHER BIRDS

Our connection with the importers makes it possible to furnish Goldfinches, Nightingales and all other suitable cage birds.



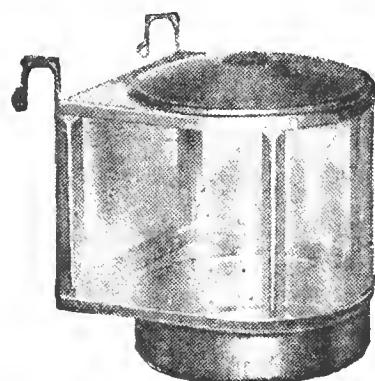
BIRD CAGE ACCESSORIES

Following Prices Are All Postpaid

No. Z84 Seed Cups, 15c each.
No. 2767 Square Porcelain Cups, 15c each.
No. Z81 Treat Cups for feeding song food, etc., 6c each; colored, 8c.

BIRD BATH SPECIAL

The new modern washable bird bath which hangs on the outside of the door. Birds enjoy bathing in them. Unnecessary to take cage apart. May be left on cage during the entire day if desired. Keeps birds from splashing on furniture. Style "D" Bird Bath in Duco finish, 35c each; postpaid, 42c. Can be furnished in Green, Red and Blue colors.



BIRD CAGE HOOK, for suspending cages against the wall; extra heavy wire, brass plated; 10 inches long, 20c each.

OPAL BIRD BATHS—To fit in cages. Made of unbreakable glass, molded in one piece. 25c each.

CANARY PERCHES—Made of seasoned birch. State length desired. Each, 10c.

CEDAR PERCHES—Shaped to fit the birds' feet. Made of red cedar to discourage mites. Each, 10c.

SPRING PERCHES—Z85, 18c; Z86, spiral spring fastens on cage wires, 18c.

CAGE SWINGS—Z83 full circle made of wood, 25c; Z87 will fit all round cages, 11c each; Z87, same shape as Z87 but for square cages, 11c each.

BIRD NESTS—Mite proof nests of tinned wire. State whether you wish it to hook or clamp to cage. 18c each.

NESTING MATERIAL—Sterilized goats' hair, white only, 18c.

CAGE SPRINGS to fit any size cage. Each, 13c.

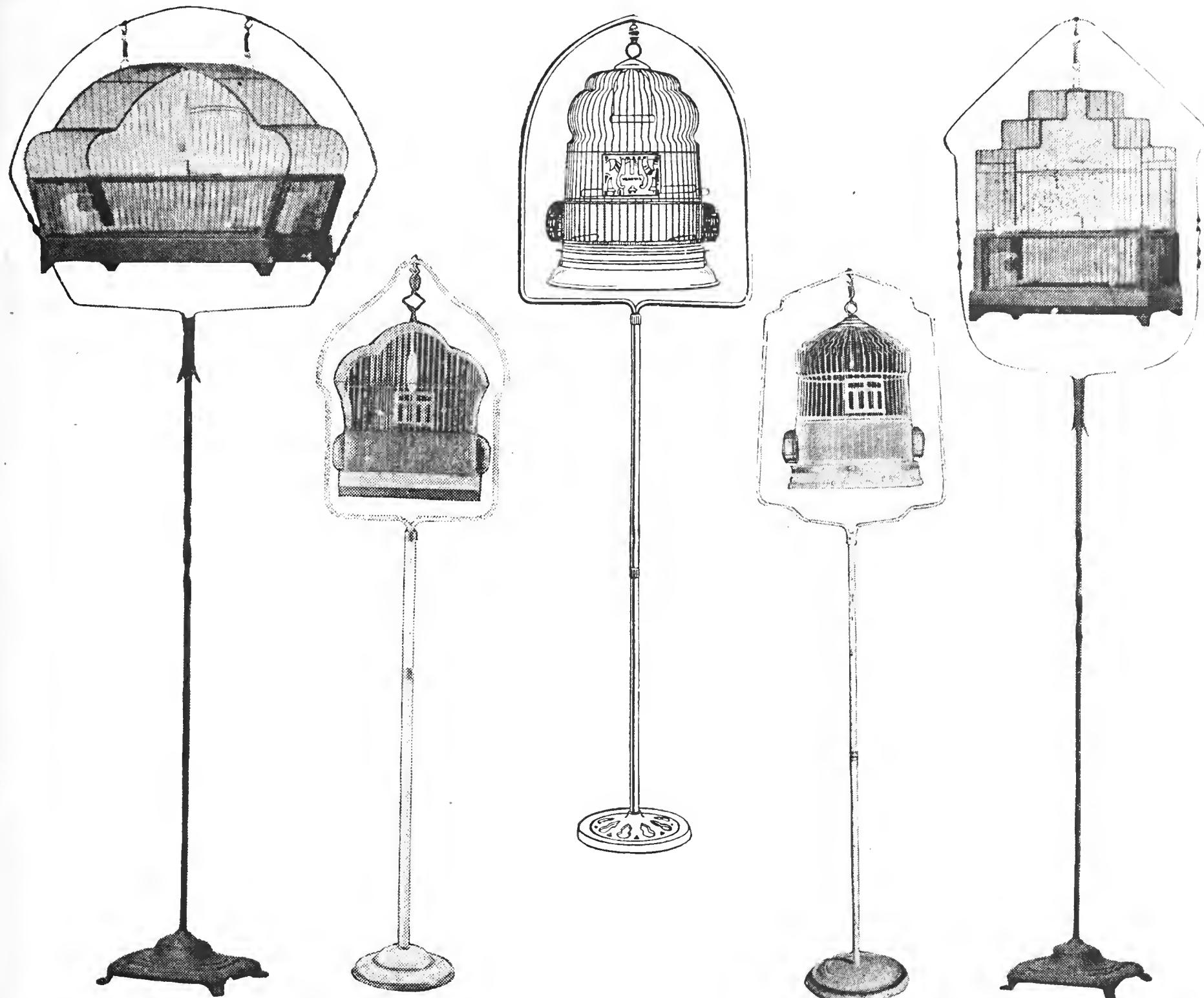
CANARY TRAINING WHISTLE, Z82, 12c.

CAGE COVERS—Cretonne covers to fit any round cage, each, 30c; sateen covers of heavy material and cut with a flare top to cover the cage completely, each, 35c.

SEED GUARDS—Prevent seeds and hulls from dropping to the floor. Cretonne guards will fit any round cage. Each, 30c.

SATEEN GUARD—Full cut; more roomy. Each, 35c.

Bird Cages and Accessories



No. 160 CAGE and No. 195 STAND—A new style cage with plenty of room. Drawer base; and inside protected cup. Baked enamel finished in white with gold trim, green with gold trim, or ivory with gold trim. **Cages, \$4.35 each; stands, \$2.60 each, F. O. B. Great Falls.** Shipping wt., cage 14 lbs.; stand 12 lbs.

No. 2 CAGE—Same shape as No. 1, but finished with a leaded drawer base that pulls out to make easy cleaning. Finish the same as No. 1, **\$2.20 each, F. O. B. Great Falls.** Shipping weight, 8 lbs.

No. D STAND—Height, 5 ft. 6½ in. Tubing 5/8 in. in diameter. Colors to match B and DB cages. **Each, \$1.50, F. O. B. Great Falls.** Shipping weight, 8 lbs.

No. 6 CAGE and No. 27 STAND—A well constructed cage with removable gravel tray. Baked enamel finish. Colors: Ivory with green trim; black with gold trim, and green with dark green trim. **Cage, \$3.00 each; stand, \$2.89 each, F. O. B. Great Falls.** Shipping weight, cage, 10 lbs.; stand, 5 lbs.

No. B CAGE—An attractive cage that has been a volume seller with us. Well made; fitted with a spring perch and two feed cup perches; 11 in. in diameter; height, 16 in. **Each, \$1.35, F. O. B. Great Falls.** Shipping wt., 7 lbs. Colors, red with black trim, green with black trim, and black with chrome trim.

No. 1 CAGE—Wires in this cage are punched and locked so that they cannot possibly come apart. Baked enamel finish in ivory with green trim, black with gold trim and green with dark green trim. **Cage, \$1.90 each, F. O. B. Great Falls.** Shipping wt., cage, 8 lbs.

No. 150 CAGE and No. 180 STAND—Fitted with inside cups and removable seed guards. Heavy construction and fine new modernistic cage furnished in the following baked enamel finishes: Blue and gold, black and gold, ivory and gold. **Cage, \$3.00. Wt. 14 lbs. Stand, \$2.89. Wt. 11 lbs.**

No. DB CAGE—Is same size and of same construction and color as No. B cage, but is equipped with a drawer base. **Each, \$1.50. Shipping weight, 27 lbs.**

No. 29 STAND—A sturdy stand with a heavy base. Can be furnished in colors to match No. 1 and No. 2 cages. **Each, \$1.60, F. O. B. Great Falls.** Shipping weight, 2 lbs. Shown with No. 1 cage.

(Any of the above cages or stands may be purchased separately)

The new style cages are not only wonderful homes for birds but provide a beautiful addition to the furniture in the home.

BIRD FOODS, MEDICINES, ETC.

Add Postage to All Following Prices. Weight Following Each Item is Shipping Weight and Not the Quantity Contained in Package.

JUSTRITE PRODUCTS

We have sold Justrite bird and pet foods and remedies for many years and have found them to be correct in every detail. FREE WITH YOUR ORDER, Justrite 62-page Bird and Pet Book, covering feeding, diseases, breeding, etc. Ask for it.



ture for all Parakeets, Finches and similar cage birds. 1 lb., 15c.



JUSTRITE PARROT FOOD—With Polly crackers. 1 1/4 lb., 25c.

JUSTRITE BIRD BITTERS—A stomach tonic and corrective. We have had good success in treating birds with this medicine in our store. 4 oz., 25c.



JUSTRITE IRON TONIC—A wonderful tonic for canaries and cage birds suffering from weakness, wasting and loss of appetite. 4 oz., 25c.

JUSTRITE BIRD GRAVEL—Silver gravel, carefully washed, cleaned and screened to the proper size. Be sure to supply fresh gravel each day. 2 lbs., 10c.

JUSTRITE BIRD TONIC—Gives immediate relief to birds suffering from hoarseness, bleeding bowels, egg bound and loss of appetite. Medicine dropper supplied. 4 oz., 25c.

JUSTRITE BIRD JELLY—Gives instant relief to birds suffering from asthma, colds, or having difficulty in breathing. 2 oz., 25c.

JUSTRITE HONEY ROLL—A food and treat for canaries. Trims bill, affords exercise and amusement. 2 oz., 10c.

Hegers Foods & Remedies

IMPORTED MIXED BIRD SEED—Regarded by many discriminating fanciers as the finest and best bird seed obtainable. **25c per lb.**

HEGER SILVER BIRD GRAVEL—Washed bird grit necessary for your bird to grind his food. **20c for 2 lbs.**

HEGER VIT-A-SONG—A cod liver oil food that should be fed as part of the regular diet during the entire year. **25c, 5 oz.**

"X-L" SPECIAL FORMULA BIRD SEED

A selected ration of sweet German Rape, imported canary, niger, bird lettuce, flax and other seeds relished by the birds and necessary for their good health. We compounded this seed originally for our own golden-voiced songsters and because of the splendid condition that it kept them in, it soon became our fastest selling seed. To save money buy it in bulk in larger quantities. If you do not use bulk seed quickly, put it in tightly sealed Mason jar and it will remain fresh for a long period of time. **5 lbs., \$1.00; 10 lbs., \$1.65; 100 lbs., \$14.50.**

BULK LOVE BIRD SEED—Specially formulated for parakeets and finches. This seed can be economically purchased in bulk at **20c lb.; 2 lbs., 35c; 6 lbs., \$1.00.** Add postage.

WHOLESEED SONG FOOD

We find this to be the best food to stimulate song and keep birds in tip-top condition. Feed about $\frac{1}{2}$ tsp. every day in addition to the regular seed. To aid feather growth, vary the bird's diet and keep him toned up. Valuable for bringing bird back in song. **6 oz., 25c.**

SPRATT'S OVALS—

A small crunchy biscuit for puppies and adult dogs of all breeds. A completely balanced dog food that eliminates additional feeding. **3 lbs., 50c; 25 lbs., \$3.75.** Add postage.

SPRATT'S CHARCOAL OVALS—Similar to the regular oval, but with charcoal added. These biscuits are one of the best correctives of digestive disorders, and every dog should eat them dry at least once a week. **3 lbs., 50c.** Add postage.

SPRATT'S PEPSINATED DOG MEAL—A very beneficial and important food to be given to puppies whose digestive system is not strong enough to assimilate milk or other foods and to dogs that have been weakened by disease or worms. We have used this food and indorse it very strongly. **Per can, 45c.** Shipping weight, 1 lb. Add postage.

SPRATT'S FIBO—A complete cod liver oil food containing milk and eggs. For all breeds and especially puppies, toy dogs and shy and dainty feeders. **3 lbs., 50c; 25 lbs., \$3.90.** Add postage.

SPRATT'S PUPPILAC—A valuable food for rearing kittens, puppies, and cub foxes when the mother cannot nurse them. **1 lb., 60c.**

SPRATT'S WORM TABLETS—Worm your puppy at 6 or 8 weeks of age and continue at least once every 3 months. State whether for puppy or old dog. **50c, 4 oz.**

SPRATT'S SPECIAL TABLETS—A wonderful help in checking distemper. Have a dox on hand so you can nip the trouble in the bud. State whether for puppy or old dog. **Price, \$1.00.**

NORTH STAR KIBBLED DOG FOOD—Made from 12 selected ingredients. Baked. It can be fed dry or mixed with milk, gravy, meat, etc. **10c lb.**

HEGER SONG RESTORER—A treat and conditioner. Especially valuable for birds that have stopped singing. **25c, 5 oz.**

HEGER PEPPER AND MOULTING FOOD—Combines a moulting food and a food for producing color in one. **25c, 5 oz.**

HEGER TONIC TABLETS—For birds suffering from colds, bowel troubles, etc. **25c, 2 oz.**

PULVEX BIRD LICE DESTROYER—In handy dusting bellows, this powder actually kills mites and lice. **2 oz., 35c.**

FRENCH'S BIRD SEED—Pkg., 15c, 10 oz.

REGULAR SIZE PARROT SEED—Regular size sunflower. **2 lbs., 25c; 10 lbs., \$1.10.** Add postage.

SPRATT'S ROLLER CANARY SEED—Pkg., 25c, 1 lb. Add postage.

SPRATT'S SONG RESTORER—25c, 4 oz.

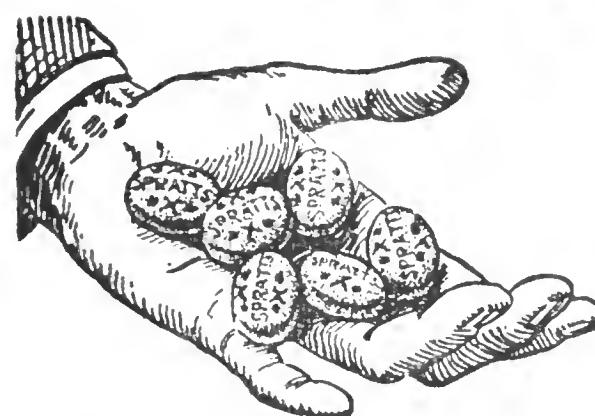
SPRATT'S SING SONG—A manna food to be clipped to the cage. **2 for 25c, 4 oz.**

SPRATT'S MOULTING FOOD—9 oz., 25c.



SPRATT'S COD LIVER OIL NESTING FOOD—One of the most popular foods for this purpose. **4 oz. pkg., 15c; 9 oz. pkg., 30c; 5 lb. bag, \$1.50.** Add postage.

DOG FOODS AND SUPPLIES



PURINA DOG CHOW

A complete food that is partly predigested. Large checkers. **5 lb. bag, 55c; small checkers for puppies, 5 lb. bag, 55c; 25 lbs., \$2.25.** Add postage.



PARD DOG FOOD

A cooked beef and a real product made by Swift & Company. **1 lb. can, 10c; case, 48 cans, \$4.00.** Add postage.



RED HEART DOG FOOD

In three distinct food flavors.

Vary the diet by feeding in rotation.

Diet A contains meat food product, cooked cereals, beef, soy bean meal and cod liver oil.

Diet B contains meat food product, cooked cereals, soy bean meal, cured fish and cod liver oil.

Diet C contains meat food product, cooked cereals, soy bean meal, cheese and cod liver oil.

Each is a good wholesome diet, basically the same.

Per 1 lb. can, 10c; case, 48 cans, \$4.50 Add postage.



STOPS MALE DOG ANNOYANCE Keeps male dogs away when females are in season. **Per bottle, 55c.** Many of our customers have used Trix for several seasons and indorse it very highly.



PULVEX WORM CAPSULES—The only worm medicine that will remove tape worms, round worms and hook worms with one treatment. Sold on a money back guarantee. State whether for puppy or old dog. **75c, 2 oz.**

SPOHN'S SPECIAL COMPOUND—A medicine that is valuable in treating colds, pneumonia and other diseases of the respiratory tract. Recommended and used by veterinarians for the treatment of distemper. **Per bottle, \$1.50; 8 oz.**

FLEA POWDER AND SOAP

PULVEX FLEA POWDER—The only powder that actually kills fleas and mites on dogs and cats. **Can, 50c, 4 oz.**

PULVEX DOG SOAP—A better grade soap that is guaranteed to kill fleas and lice. **Can, 50c, 4 oz.**



PULVEX DOG SOAP—A better grade soap that is guaranteed to kill fleas and lice. **Can, 50c, 4 oz.**

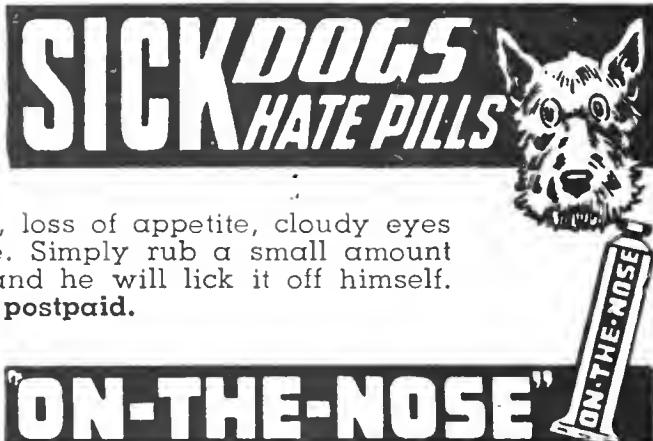
SPRATT'S SHAMPOO—A liquid deodorizing soap that is effective and economical. **35c, 6 oz.**



JUSTRITE DOG SOAP—Per cake, 10c, 3 oz.

JUSTRITE FLEA POWDER—20c, 4 oz.; 2 oz., 10c.

PULVEX CONDITIONETS—A valuable regulator and tonic for rundown dogs; use as soon as a dog becomes sluggish. **50c, 4 oz.** Add postage.



"ON THE NOSE"

A new dog remedy. Use at the first sign of sniffing, loss of appetite, cloudy eyes or running nose. Simply rub a small amount on dog's nose and he will lick it off himself. **\$1.00 per tube, postpaid.**

"ON-THE-NOSE"

PULVEX DRY CLEANER—A deodorizing disinfectant and cleaning powder to be used on cats, puppies or dogs instead of bathing them. **1 lb., 50c.**

GLOVER'S IMPERIAL DOG MEDICINES

Glover's name has stood for dependability for more than 60 years. Glover's Animal Preparations have attained their success because they are compounded with the utmost care and skill known to science. When you use Glover's, you get the maximum in quality and in results.

Round Worm Vermifuge, for dogs and cats	60c
Round Worm Capsules, for dogs and foxes	60c
Puppy Capsules	60c
Tape Worm Capsules, for dogs and cats	60c
Tetrachlorethylene Capsules, for worms	60c
Condition Pills, stimulant tonic	60c
Iron Tonic, appetizer, general stimulant	60c
Digestive Pills, stimulate digestion	60c
Laxative Pills, for constipation	60c
Diarrhea Mixture	60c
Compound Sulphur Tablets, act on kidneys	60c
Nerve Sedative, for fits and convulsions	60c
Expectorant Mixture, to loosen the cough	60c
Fever Reducer, for colds, etc.	\$1
Cod Liver Oil Concentrate Tablets	60c
Mange Medicine, sarcoptic, antiseptic	75c
Kennel and Flea Soap	25c
Medicated Soap, a cleansing soap	30c
Disinfectant	25c
Flea and Insect Powder	35c
Canker Wash, for the ears of dogs and cats	60c
Eye Lotion and Eye Wash Powder	60c
Crystal Antiseptic Linament, for stiffness and sprains	60c

Postage on above, 5c each



Dog Combs and Brushes



No. 1D—STRAP STYLE for long haired dogs and kittens, **60c.** Shipping weight 8 oz.

No. 3B—HANDLE STYLE convenient for small short haired dogs. **49c.** Wt. 6 oz.

No. 3D—HANDLE STYLE for long haired dogs, **49c.** Weight 6 oz.

No. 579—A handle style brush with wire bristles set in an air cushion. **35c.** Weight 4 oz.

Z14—STEEL COMBS—Polished, plated, $6\frac{1}{4}$ inches long; $1\frac{5}{8}$ in. wide. **55c postpaid.**

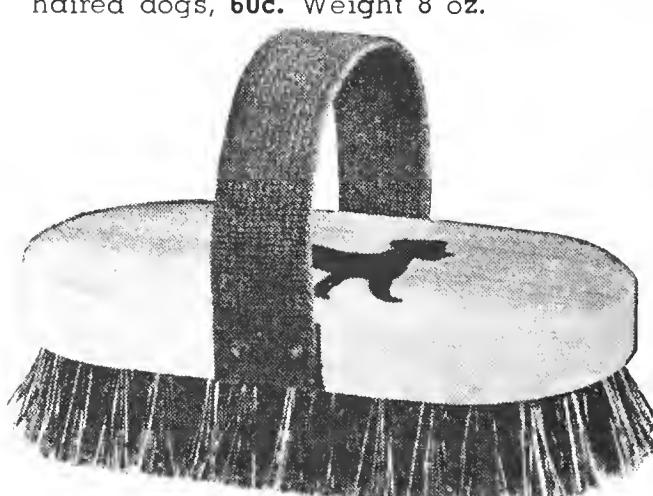
25548—HEAVY BRASS COMB—Wooden handle. **60c each.** Shipping weight 8 oz.

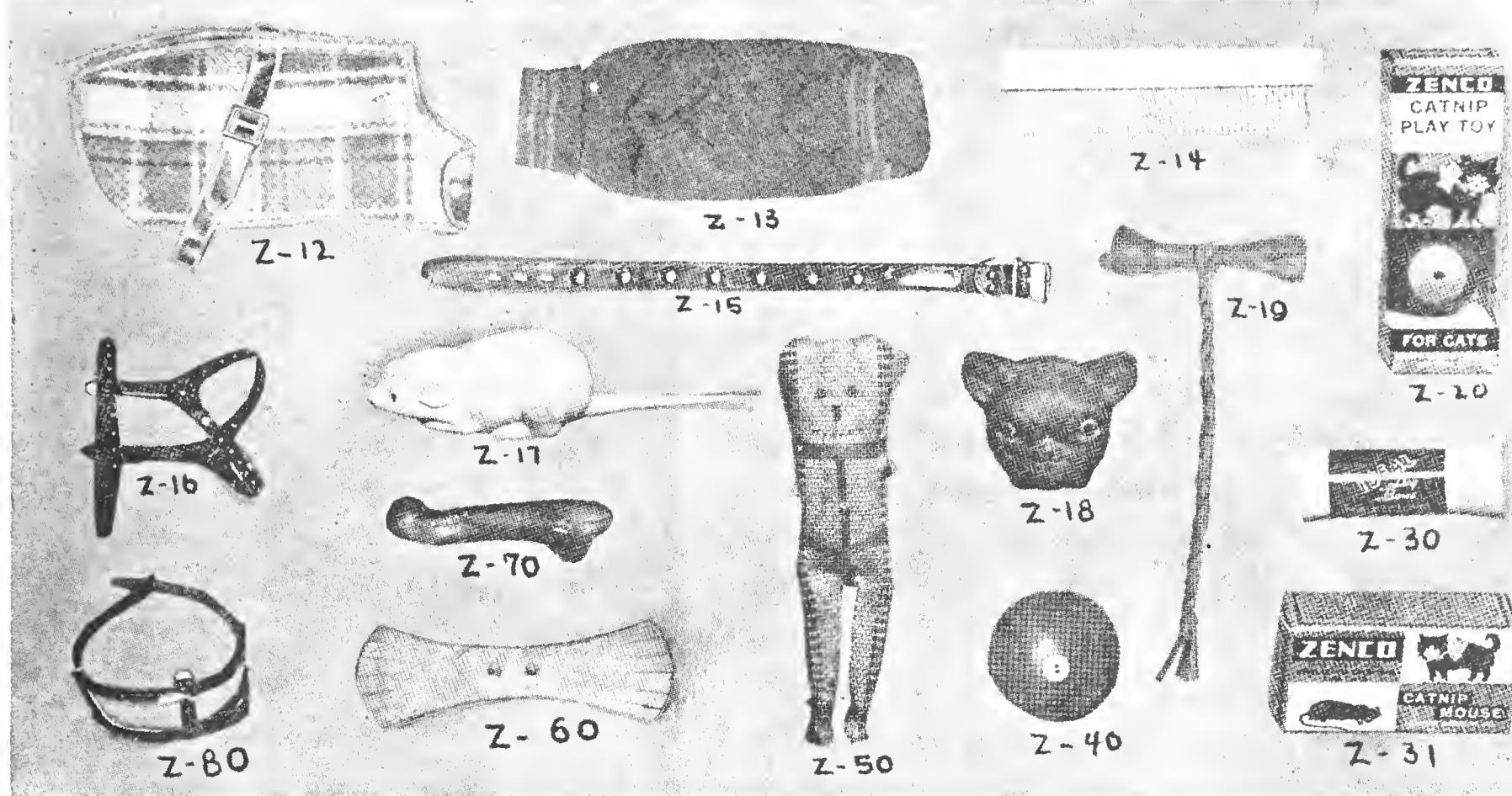
STRIPPING COMBS—For grooming Wire Hairs, Scotties, etc., **\$1.**

BLADES FOR DUPLEX STRIPPING COMB—**50c.**

ALUMINUM DOG COMBS—**35c postpaid.**

SLICKER BRUSHES—A good wire brush for removing dead hair from any dog except those with extremely short hair. **95c.** Shipping weight 4 oz.





Dog Playthings

Add Postage to Following Prices

Z-70—Rubber bone. **15c.** Weight 4 oz.
 SZ-70—Rubber bone, chocolate scented, **20c.** Weight 4 oz.
 JZ-70—Rubber bone with bell in knuckle, **20c.**
 Z-17—Rubber squeak rat; length 8 in., **10c.** Weight 3 oz.
 Z-60—Leather bone. Dogs love to chew these. **20c.** Weight 4 oz.
 Z-50—Well made rag doll. Cries when tossed about. **55c.** weight 8 oz.
 Z-18—Pup's head that squeaks. **20c.** Weight 4 oz.
 Z-40—Rubber Wow ball. **20c.** Weight 4 oz.
 Z-30—Natural bone specially treated. Sanitary. **25c.** Weight 4 oz.
 Z-19—Rubber bone with leather braid. An excellent dog toy and exerciser. **Price 30c.** Weight 4 oz.
 Z-31—Catnip mice. **15c.** Weight 2 oz.
 Loose catnip leaves. **15c.** 4 oz.
 Z-20—Catnip play toy. Wood bowl, refillable. Bell in center of bowl jingles while cat rolls it. **20c.** 4 oz.

DOG COLLARS

Z-15—Felt lined and studded. Be sure and give length desired. **35c.** 4 oz.

ROUND COLLARS

For chows, collies, and police dogs. Heavy English leather. **\$1.50.** 5 oz.

Double leather collars. Brass studded. **45c.** 8 oz.

Cat collars with bells. **15c.** 2 oz.

Z-16—Martingale harness. Adjustable at three different positions. The best looking harness for Boston Bulls, Fox Terriers, etc. Sizes 18, 20, 22, and 24. Measure girth back of front legs for correct size. **\$1.25.** 8 oz.

Z-80—Plain leather harness. Sizes 14, 16, 18. **30c.** 6 oz.

SZ-80—Same style harness, but felt padded and studded. Sizes 16, 18, 20, 22, 24, 26. **45c.**

HZ-80—Well made English leather harness. Exceptionally strong and fine quality. Sizes 18, 20, 22 and 24, weight 8 oz. **95c.**

SWEATERS

Z-13—Pure wool. Sizes 10 to 20. Measure from middle of neck to base of tail for correct length. Colors: Red, white trimmed; blue, white trimmed; green, white trimmed; brown, white trimmed. **\$1.00.** Shipping weight 1 lb.

Zipper sweaters. Same as Z-13, but with zipper opening, part wool. **\$1.00.** Weight 1 lb.

DOG BLANKETS

Z-12—Heavy wool blankets; very dressy and sporty looking. Double snap at neck. Perfect protection for chest. Sizes 10 to 16. **\$1.00.** Weight 1 lb. Sizes 18 and 20, **\$1.50.** Weight 2 lbs.

DOG NAIL CLIPPERS

\$2.00 Postpaid

DOG BOOTS

Rubberized dog boots that fit snugly. Indispensable when it rains or snows. Keeps dog's feet dry. Prevents soiling auto upholstery, carpets, and furnishings. Size 1 for toy dogs, puppies, etc., **\$1.10 per pair.** Weight 6 oz. Size 2 for Poms, Pekingese, Fox Terriers, etc., **\$1.10 per pair.** Weight 8 oz. Size 3 for Boston Terriers, Scotties, Poodles, etc., **\$1.10.** weight 8 oz. Size 4 for Sealyhams, Scotch Terriers, Spaniels, etc., **\$1.10.** Weight 8 oz.

DOG BEDS

Woven bamboo beds. Heavy veneer board bottom. Cushions filled with kapok with cedar aroma to prevent vermin. 23 inches. **\$3.10.** Shipping weight 15 lbs.

Basket style dog beds. Woven rattan veneer board. High back. 25 inches. **\$4.69.**

DOG MUZZLES

Leather basket muzzles prevent dog from eating and biting. Fit comfortably and permits free breathing. 8 oz., **50c.** Heavy leather muzzles for collies and police dogs. **\$1.75.** Be sure to give length of dog's nose and size of neck.

Puppies

We can generally supply puppies at about the following prices:

Shepherds, Shepherd and Collie mixed, natural heeling cattle dogs, male puppies, **\$3.00.**

Medium Size Toy Fox Terrier Puppy, male, **\$6.00;** female, **\$4.00.**

Extra Small Toy Fox Terriers, males, **\$10 to \$12,** depending upon size.

Wire Haired Fox Terriers furnished with signed application for registration in the American Kennel Club, **\$25.00.**

Scotch Terrier puppies eligible for registration, **\$25.00.**

Red or Black Cocker Spaniels, eligible for registration, **\$20.00 to \$25.00** depending upon quality.

Pekingese male puppies, **\$25.00.**

We have connections with kennels that will enable us to supply almost any kind of a dog that you desire. Please let us know kind that you want and how much you wish to pay for it.

MONKEYS

Small Java Monkeys easily handled and trained; shipped from July to December, **\$25.00 each.** Not carried in stock.

RABBITS

CHECKERED GIANTS

Adult males, **\$2.00 each;** adult females, **\$2.00 each;** trio two females, one male, **\$5.00.**

MIXED BREEDS

Can usually be furnished in straight colors or spotted. Young stock from six weeks to 3 months old, depending upon available supply. **Each, 50c.**

GOLDFISH

We have shipped goldfish safely to all parts of Montana, Idaho and Wyoming. All fish are shipped by express.

Prices on fish are quoted F. O. B. Great Falls. They should be shipped by express. 15c must be included with each order to cover the cost of can.

LARGE SIZE FANCY GOLDFISH from 3 to 5 inches. Fantails, Calico Fish, etc. 25c each.

MEDIUM SIZE GOLDFISH. From 1½ to 3 inches. 10c each.

BLACK JAP SNAILS—Live trapdoor snails. 25c each. Shipping weight 4 oz.

SNAILS—Snails may be shipped separately if desired. It is not necessary to include money for shipping can when ordering just snails alone.

BABY TURTLES—Geographic turtles about the size of a 50 cent piece. May be kept very easily in a small bowl. Each, 15c. Packed and postpaid to any place in Montana, 18c.

DECORATED BABY TURTLES—Attractively painted coin size live turtles, which are very acceptable to the children. A very clever souvenir. Each, 25c; postpaid any place in the U. S., 30c.

TURTLE FOOD—Containing ant eggs, 10c per pkg., 2 oz. Add postage.

ZENCO TURTLE FOOD—15c package. Weight 3 oz.

WATER PLANTS

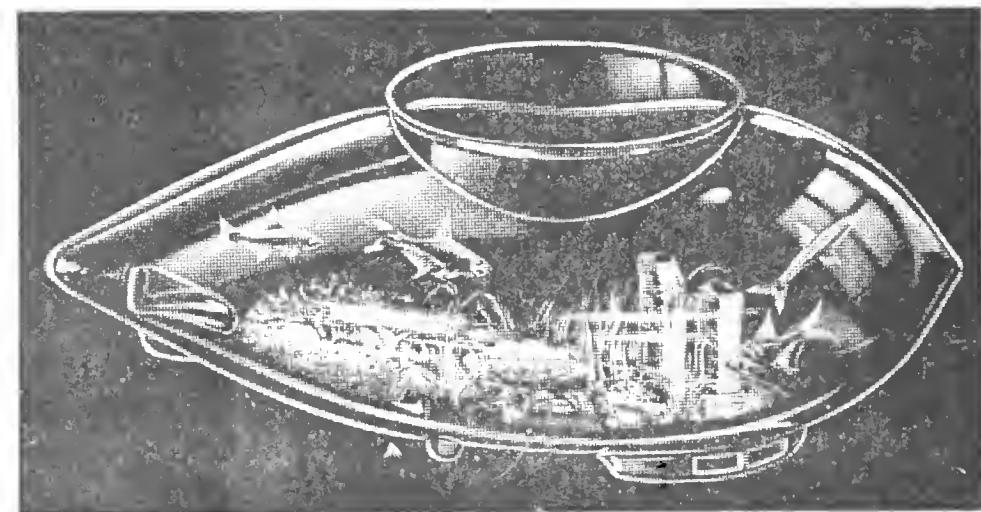
Necessary in fish bowls and aquariums to supply oxygen and natural food for fish. They improve the appearance of your bowl. Six plants, 25c, postpaid.

AQUARIUM GRAVEL—Pure white. 2 lb. box, 15c. Add postage.

MEDICATED FISH BALL—A fine new aquarium Conditioner that dissolves Aquarium impurities. An excellent tonic for well or sick fish; neutralizes minerals in water. Price each, 12c, postpaid.

AQUARIUM CEMENT—Prepared and ready to use. 35c. Shipping weight 2 lbs.

DYED CHIPS—Dyed with bright non-fading colors. Beautiful decorations for fish bowls, narcissus bowls, etc. 15c per pound. Add postage.



DIRIGIBLE FISH BOWLS

The latest novelty in goldfish bowls. Very attractive. May also be used for tropical fish. Each, 95c. (Bowl ONLY Does not include ornaments.) Shipping weight, 5 lbs. Capacity about 1½ gallons. Add postage.

Fish Bowls

We carry a complete line of Squat Globe, Drum Shaped, Round and Steel Framed bowls in capacities of 1 quart to 5 gallons, ranging in price from 25c to \$4.50. Write us telling the number of fish you desire to keep and we will submit illustrations and quote delivered prices.

FISH FOODS

NOTE—We recommend that fish be allowed a change of diet, usually two or more kinds of food.

WAFER FOOD—5c. Weight 4 oz.

BULK FISH FOOD—Spratt's aquarium food may be purchased in bulk. Per ½ lb., 35c. Add postage.

FUNGUS REMEDY—Prevents fish dying from fungus. 25c. 4 oz. Add postage.

SPRATT'S AQUARIUM FOOD—Per tin, 10c. 3 oz.

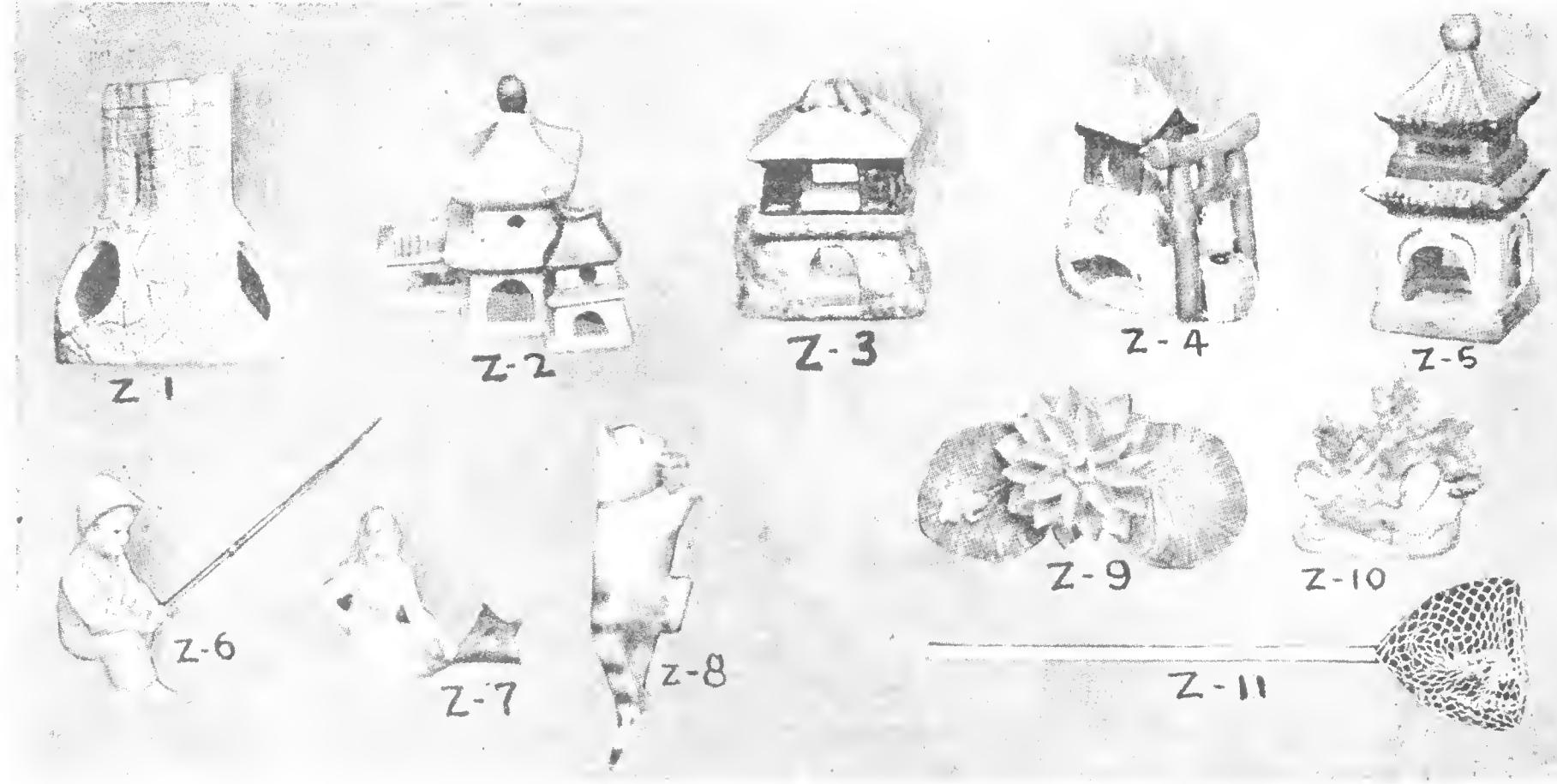
JUSTRITE NATURAL FISH FOOD—5c. 1 oz.

HEGER'S NATURAL FISH FOOD—15c. 3 oz.

DRIED DAPHNIA—15c. 2 oz.

JUSTRITE TROPICAL FISH FOOD. Medium or coarse. 15c.

SILVER TROPICAL FISH FOOD—Fine or medium. Small pkg., 15c, weight 2 oz.; 4 oz. jar., 25c; large size jar, 50c. Shipping weight 8 oz. Add postage.



GOLD FISH CASTLES AND ORNAMENTS

Z-2-3-4-5—TERRA COTTA CASTLE. Highly glazed. Water proof colors, about 4½ inches. 25c. 8 oz.

Z-6—FISHER BOY FIGURE to set on edge of bowl or aquarium. 15c. 6 oz.

Z-7—MERMAID. Highly glazed. 15c. 8 oz.

Z-8—CLEVER CAT. Hangs on edge of bowl or aquarium. 15c. 6 oz.

Z-1—Baked clay castle, 5 in. high. 15c. 8 oz.

Z-9—FLOATING WATER LILIES. An attractive ornament. 15c. 3 oz.

Z-10—A CLEVER ORNAMENT about 3 inches high. 25c.

Z-11—NETS. It is extremely important that the hands are never put in the goldfish water, as an acid will form which will kill the fish. Woven nets, 15c each. 8 oz. Add postage.

FIELD SEED SECTION

WRITE FOR SAMPLES AND TESTS

REGARDING PRICES—Opening prices on Field Seeds will be found on the colored insert and are subject to market changes. If price of seed has advanced, order will be filled for amount of remittance. If lower, we shall refund the difference. All bags furnished FREE. All prices quoted F. O. B. Great Falls.

OF INTEREST TO ALL SEED BUYERS—In a bulletin recently released by The United States Department of Agriculture, it states "there is need for extreme caution because of the short supply of adapted seed and the wide differential in price between unadapted and adapted seed." It was stated that the carry-over of alfalfa seed was very small, that production in the Northern States this year was much below average, but that production in the Southwest was above average.

There is no doubt but that much Southern Grown seed will be offered and at lower prices and BLENDED SEED sometimes sold as "NORTHERN BLEND" but carrying a majority of Southern Grown Seed will be sold at bargain prices but such purchases will prove costly in the long run due to the fact that it is sure to winter kill.

WE URGE YOU TO PURCHASE YOUR ALFALFA, CLOVERS AND GRASS SEEDS EARLY.

Alfalfa Seed

Sow 8 to 10 lbs. per acre on dry land.

Sow 10 to 12 lbs. per acre on irrigated land.

MONTANA has the national reputation of producing the finest Alfalfa seed grown. The vitality of our "X-L" Brand seed is the very highest and the varieties that we are offering will be hardy anywhere.

"X-L" MONTANA COMMON

This is the most commonly grown variety of Dry Land Alfalfa since it has given the best in results on all types of soil and under all climatic conditions. Our seed stock comes from fields that have been in Alfalfa many years and the plants which endure the extremes of hot summers and severe winters and dry, high altitudes are thoroughly hardy. Because of the dry season, only a fair crop has been harvested and consequently there is a shortage. See colored insert price sheet.

STANDARD MONTANA COMMON

Produced in the same sections but on account of color and purity cannot be placed in our "X-L" Brand. This seed is air cleaned, well graded and excellent germination but is off in color. A real bargain at the price we are offering it.

"X-L" AFFIDAVIT GRIMM

Raised from registered stock

This seed was originally registered seed on unregistered fields; unregistered because registration was not applied for. Has all the good qualities of Registered Grimm but lower in price. For those that wish to plant this hardy seed for hay we recommend our "X-L" Affidavit Grimm.

"X-L" REGISTERED BLUE TAG GRIMM

In order to carry the blue tag of The Montana Seed Growers Association this seed must be sound, plump seed with a purity of at least 99.25 per cent. No sweet clover or dodder. Freed of all noxious weeds. Our seed is the best that can be produced, inspected, tested, fully registered under regulations of Montana Seed Growers Association. The only seed to plant if you are raising for seed purposes as it always commands the top price.

"X-L" COSSACK

Cossack Alfalfa was brought over from Siberia by Prof. Hansen of the South Dakota Experiment Station some years ago. Cossack Alfalfa produces a somewhat finer hay than many other varieties and is extremely hardy.

Cossack Alfalfa seems to withstand intense cold, heat and drought equally well.

Cossack is the heaviest and best seeder of any Alfalfa seed.

Seed supply very limited.



A wonderful Alfalfa Hay crop produced from X-L Grimm Alfalfa raised on the Robinson Dairy west of Great Falls. This field is one year old. Field was flooded and seeded with press drill.

"X-L" LADAK ALFALFA

Scientists of the United States Department of Agriculture found the natives of Ladak, a province of Northern India cultivating a splendid variety of alfalfa in this bleak climate at an elevation of 12,000 feet, where the average rainfall is around 4 inches and blizzards occur at any month of the year.

Ladak produces a larger first cutting than other alfalfa varieties, which makes it particularly well adapted to regions where only one or two crops are produced each year because of drought or a short growing season.

Ladak resists drought and produces a good yield of hay when other varieties are practically at a standstill.

Hay very leafy and of high feeding value. Under dry land conditions it is of exceptionally high quality.

Clover Seed

A New Sweet Clover

ALPHA SWEET CLOVER

(Biennial) Sow 8 to 12 lbs. per acre



Combines the best qualities of sweet clover and alfalfa. Called by some a cross between alfalfa and sweet clover. Originated by the skilled plant breeders at the University of Saskatchewan. This new variety sends up many fine stems well loaded with branches and leaves instead of a few coarse stalks as do the older forms. If planted without a nurse crop, the Alpha will make a hay crop of high quality late the first season or it will furnish excellent pasture. In the second year the plant sends up from 30 to 50 stalks which is a marked contrast to the older sweet clover which usually have from 4 to 10 stalks.

Produces about the same amount of hay as Sweet Clover but because of the fine quality there is little waste. Seed ripens uniformly and is easy to harvest. The aroma and taste which is characteristic of sweet clover is only about half as strong in this new variety. As good a soil builder as the old sweet clover but as fine stemmed and leafy as alfalfa.

Seed supply very limited but we offer Montana Grown Sweet while it lasts.

"X-L" YELLOW BLOSSOM (Biennial)

Sow 10 to 15 lbs. per acre

Has a finer foliage and is more dwarf than the white blossom variety and probably makes a little better hay. It can also be pastured a little closer than the other varieties. Will grow on almost any kind of soil.



To broadcast Grain, Grass and Clover Seed. Also to seed Onions and Rutabagas. Full instructions and directions on every machine. Price, postpaid, each, \$2.75; F. O. B. Great Falls, \$2.65.

"X-L" ALSIKE OR SWEDISH CLOVER

Sow 8 lbs. per acre

This clover has the same soil building properties as Red Clover and is a true hardy perennial, with fiber instead of tap roots, and it is not injured by thawing and freezing.

Can be sown on soil that is slightly acid or sour, where lime cannot be applied and where other clover or alfalfa will not grow. It can be sown on heavy, wet, or low soil that sometimes becomes waterlogged, and also endures drought. If sown for hay it should be mixed with other clover, timothy or alsike. When mixed its feeding value is nearly equal to that of Alfalfa.

"X-L" WHITE BLOSSOM (Biennial)

Sow 10 to 15 lbs. per acre

It is one of the easiest of clovers to get started and out-yields any other variety for pasture purposes. Starts growing early in the spring and stays green until late in the fall. Will make a good crop of roughage or hay under conditions which might cause an Alfalfa crop failure.

"X-L" MEDIUM RED

Sow 10 lbs. per acre

Fits better into crop rotation than any other legume. It will increase yield of succeeding crops, besides furnishing many tons of hay of high protein content. The first crop is usually cut for hay, before it comes into full bloom. The second crop may be cut for hay or seed or turned under to fertilize the soil. It is adapted to any well drained soil free from acidity. Furnishes luxuriant pasture and hay for cattle and sheep.

"X-L" WHITE DUTCH (Perennial)

Sow 1 lb. per 300 square feet for lawns; 5 to 8 lbs. per acre.

Makes any pasture grass better and is relished by all livestock. Thrives best in moist soil containing lime and considerable humus.

Grasses

"X-L" CRESTED WHEAT GRASS

The hardest and most drought resistant grass yet discovered. It has a longer productive period than Slender Wheat Grass or Brome. It is a native to the cold, dry plains of Russia and particularly adapted to the drier parts of the northwest. The hay contains as much protein as alfalfa and stock eat it readily.

Crested Wheat Grass is able to grow at low temperatures and as a result, makes earlier and more rapid growth than other grasses. This grass has a wide range of adaptation as to soil types and has been successfully grown on soil of almost any texture, ranging from light sandy to heavy clay soils. It will produce a satisfactory pasture on gravelly ridges and bench lands where other grasses fail.

It may be planted in the spring as soon as the frost is out of the surface soil. Early seeding is best and better results are obtained if seeded when there is moisture in the surface soil so that growth will begin at once. It may also be sown in the fall, but not too early. It is better to wait until late October or November, or just before the freezing weather sets in. May be seeded with a regular grain drill or a broadcast seeder and covered with a drag harrow. Extreme care should be exercised not to cover the seed more than $\frac{1}{2}$ to $1\frac{1}{2}$ inches deep. Either single or double disc drill may be used. Set the drill just deep enough to push aside the trash and make a shallow furrow in which to drop the seed.

FOR PASTURE—Seed at the rate of 6 to 10 pounds per acre in close drills. If being seeded for seed production, seed in rows 36 inches to 42 inches apart, using from 3 to 4 pounds per acre.

We offer Montana grown seed produced from a registered field.

NITRAGIN

The Original Legume Inoculator

INOCULATOR PRICES
When Ordering, Always
Specify Name of Seed

ALFALFA, all CLOVERS		LESPEDEZA	
Size	Retail	Size	Retail
1/2 bu. ea.	\$.30	1 bu. ea.	\$.30
1 bu. ea.	.50	2 bu. ea.	.50
2 1/2 bu. ea.	1.00	5 bu. ea.	1.00
VETCH, AUSTRIAN PEAS, CANADIAN PEAS, BEANS		PEANUTS, SOY BEANS, COW PEAS, LIMA BEANS	
1/2 bu. ea.	.25	1 bu. ea.	.30
1 bu. ea.	.40	2 bu. ea.	.50
*1 2/3 bu. ea.	.60	5 bu. ea.	1.00
5 bu. ea.	1.70	10 bu. ea.	1.60
*12 1/2 bu. ea.	4.00	*25 bu. ea.	3.00
**100 lb. & 12 1/2 bu. size, packed only for Vetch & Peas		*25 bu. size packed only for Soy Beans, Cow Peas, Peanuts	
NITRAGIN GARDEN SIZE for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines. Enough for 4 lbs seed.		Retail Price.....10c each.	

"X-L" WESTERN WHEAT GRASS OR BLUE JOINT

Sow 12 lbs. per acre broadcast

Produces a very nutritious hay and makes one of the finest pastures for cattle, sheep and horses. Unlike other grasses that die down in the fall with the first frost this wonderful grass is not affected and furnishes pasture winter months as well as in the spring and summer. Once started it lasts a lifetime. Stands extreme heat in the summer and 40 to 50 degrees below zero in the winter without apparent injury. Prefers clay soils. Plant 12 pounds per acre by broadcasting the seed on firm ground in winter months or early spring.

"X-L" WESTERN RYE GRASS OR SLENDER WHEAT

Sow 12 to 15 lbs. per acre broadcast

One of the most valuable of western native grasses. It is perennial and very resistant to both drought and cold. Has ability to grow in alkali land and is very palatable and nutritious to cattle and horses. The ordinary yield of hay is 1 1/2 to 2 tons per acre. It may be sown alone or in pasture mixtures and is well adapted for planting in Wyoming, Montana, the Dakotas, and Idaho.

"X-L" DOMESTIC RYE GRASS

Sow 15 to 25 lbs. per acre broadcast

This grass is well adapted for pastures, meadows and lawn, as it endures close cropping and makes a dense, leafy undergrowth. It thrives almost everywhere but grows best in moderately rich soil. In this climate should be treated as an annual.

"X-L" BROME GRASS

Sow 15 to 25 lbs. per acre

Brome is a vigorous, hardy perennial with strong, creeping roots which make excellent hay and pasture on poor, dry soil or on moist, low ground that is flooded at times. It may be sown on hillsides and terraces to keep the soil from being washed away. It makes an early growth and remains green until early winter and will stand close cropping. Makes excellent pasture and fair hay. For hay it should be cut just before flowering.

"X-L" ORCHARD GRASS

Sow 20 to 25 lbs. per acre

This is one of the earliest grasses to start up in the spring, remains green during long hot summers and late into the fall. Roots penetrate to a considerable depth causing it to withstand drought better than most other grasses on light and dry soils. It has quick second growth and can be cut several times.

"X-L" MEADOW FESCUE OR ENGLISH BLUE GRASS

Sow 20 to 25 lbs. per acre

This hardy western grass stands more abuse than Timothy and other grasses and will stand close cropping, drought and unfavorable soil conditions. Grows 2 to 3 feet high and produces a very leafy undergrowth. When used for hay it should be cut when in bloom, for then its nutritive value is three times greater than when the seed has ripened. Stock may be pastured on Meadow Fescue after frost has killed the native grasses thus reducing the period of dry-lot feeding.

"X-L" RED TOP**Sow 8 to 12 lbs. per acre**

On land that is too wet for Timothy, Red Top is the best substitute for that grass. It will even thrive on land too wet for cultivation. A hardy perennial grass which grows from 2 to 5 feet high. Makes good pasture and fair hay if cut early. Very palatable and relished by all forms of livestock.

"X-L" TIMOTHY**Sow from 8 to 12 lbs. per acre**

Timothy is the old standard hay and has been the most widely used for years. Timothy is the best hay for horses on heavy work, and there is no danger of giving the horse the scours. Timothy is cheap to plant, easily grown and of excellent quality. Thrives on clay and moist soils but not on poor light land. Timothy flowers in July and should be cut when in full bloom, later the hay becomes hard and coarse. Cut Timothy 4 inches from the ground, as most Timothy is killed by mowing too close. Timothy should not be sown alone for pasture, but together with other grasses such as Meadow Fescue and Red Top.

SUDAN GRASS**Sow 20 to 25 lbs. per acre broadcast
GROWS QUICKLY**

There is no other forage crop known that will resist drought like Sudan. It has been successfully grown on almost every kind of soil, from heavy clay to light sand. It is an annual and requires planting each season. In favorable seasons the growing period is long, and several cuttings can be obtained in one season. DO NOT SOW SUDAN GRASS BEFORE CORN PLANTING TIME. Like corn, it is a warm weather crop. It is an enormous yielder of excellent hay that is relished by all forms of livestock. The leaves are retained well and if cut at the right stage will make a bright, leafy, sweet hay, of the very best quality.

**"X-L" HI-GERMINATING HUNTERY
PERMANENT PASTURE MIXTURE**

Recommended by the Federal Experiment Station at Huntley as the best mixture for Montana. Tests have proven that it will pasture more stock per acre than any other.

Suggested for one acre:

3 lbs. Brome Grass	1 lb. White Clover
4 lbs. Kentucky Blue Grass	1 lb. Alsike Clover
4 lbs. Orchard Grass	16 lbs. to 24 lbs. per acre
3 lbs. Meadow Fescue	

X-L Seed Corn**High Yielding—Early Maturing—Montana Grown****THE NEW CORN SENSATION**

We believe that we are one of the first seed firms to offer to our customers a **MONTANA GROWN HYBRID SEED CORN**.

The value of hybrid corn has been proven in the Dakotas, Iowa and Nebraska where it produced a crop under severe drought when other varieties were a failure. We are proud that we can offer this season a **MONTANA GROWN HYBRID** corn that is hardy, and acclimated.

MONTAWEALTH

as this new hybrid is called, is HEAT, WIND and DROUGHT RESISTANT. There are two things, particularly, which contribute to MONTAWEALTH'S ability to withstand more heat and drought than any other. They are virile leaves and immense roots. The leaves are dark green, shiny, smooth, almost waxy. Moisture escapes from them very slowly and for this reason Montawealth continues to grow while other corn stands still.

The second reason for Montawealth's ability to withstand extreme conditions is its root system. This new corn possesses the largest and deepest root system of any corn grown. It is comparatively easy to pull up a hill of open pollinated corn under normal conditions, and even ordinary hybrids can be lifted from the ground but **NO MAN HAS EVER BEEN KNOWN TO UPROOT MONTAWEALTH ON A STRAIGHT PULL**.

Naturally roots that search so far for moisture provide a mighty anchor for the plant. That foundation, coupled with a stiff, unbending stalk, makes Montawealth the most wind proof corn in existence.

A HEAVY YIELDER

In test conducted in Montana the past three years Montawealth has yielded from 10 to 30 bushels more per acre than any other open-pollinated kinds. The fodder is partly green after picking and may still be cut and fed. It matures uniformly and can all be completely ripened before normal killing frost.

ORDER EARLY

For the season of 1938 there will not be enough MONTAWEALTH Hybrid corn to take care of the demand so order at once.

J. Bogner of Belt inspecting his field of "X-L" Sudan Grass raised on dry land last year. It produced two crops.

**FALCONER****The Best Semi-Dent**

A Semi-Dent which is a cross between a Northern Yellow Dent and a Yellow Flint. It is a tremendous yielder and is grown very extensively. Grows tall enough to be cut with a corn binder. Raises an extra fine lot of leafy fodder and is the best for a main crop where seasons are cold, late or short.

NORTHWESTERN RED DENT

This is a short season corn maturing in 80 to 90 days, making it desirable for sections where the time between the late and early frosts is short. It is dented and the corn would be satisfactory for grain feeding. Stalks grow 5 to 7 feet high and are very thin and leafy. Splendid for Montana.

**"X-L" HI-GERMINATING GEHU
OR YELLOW FLINT**

The very earliest of flint corn, producing two or three ears to the stalk. For some of Montana's high altitude counties this corn is a wonder as it is drought, frost and hail resistant to a greater extent than any other variety.

PIONEER WHITE DENT CORN

The earliest, hardest White Dent in cultivation. Pioneer White Dent is perhaps the surest pure dent variety that can be grown in the northwest, and is in addition the easiest dent to pick for those wishing only the grain crop. This corn has never failed to produce some ripe corn for us even in the worst years and has proved an unusual success in eastern Montana where it is very popular. The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 2 feet from the ground.



Mr. and Mrs. Job Robinson of the Robinson Dairy inspecting their crop of X-L FODDER CORN. Compare the height of this corn with the corn binder and Mr. and Mrs. Robinson. Mr. Robinson has used X-L Fodder Corn for the past three years, cutting it like hay and placing it in a pit silo.

"X-L" HI-GERMINATING ELEPHANT FODDER

Our particular strain of this variety has become popular with many dairymen and stock growers in Montana because of its large size, earlier maturity, finer and richer fodder and ease of handling. Grows to an average height of 8 to 10 feet, is very leafy and has a small stalk.

Millet

HAY OR FOXTAIL MILLET

Sow from 20 to 30 lbs. per acre broadcast

X-L GERMAN OR GOLDEN

This is one of the best varieties for hay and fodder. Grows 4 to 5 feet high. Is of rather coarse appearance and should be cut for hay before it is in full bloom. At this stage the hay is of the best quality and so tender it can be fed to hogs. Like other millets it has a very low water requirement and is an excellent dry land crop.

X-L SIBERIAN

We consider this the best millet for dry sections. Extremely hardy, drought resistant and about two weeks earlier than German. It stools heavily, is very leafy, and yields enormous quantities of fine quality hay.



A splendid stand of Siberian Millet raised by Mike Bogdon near Great Falls on sub-irrigated land. Note height and thickness which made a wonderful hay crop.

PROSO MILLETS

X-L EARLY FORTUNE

One of the surest crops in the northwest. Especially valuable for late planting. The seed is of a shiny reddish brown and is recommended for mixture in poultry feeds.

X-L HOG OR BROOM CORN

The hay is of a coarse quality except when cut very young. Feed is of high food value especially for poultry and hogs. It is yellow-white in color. Hog Millet is very early and drought resistant and yields enormous quantities of feed, often 60 to 70 bushels per acre. Matures in about two months from sowing and makes one of the finest feeds for poultry, baby chicks and turkeys.

Don't buy good seed to plant and then feed the gophers and prairie dogs. KILL THEM INSTANTLY WITH CYANOGAS. The safe, quick, easy and sure way. Full directions with each can.

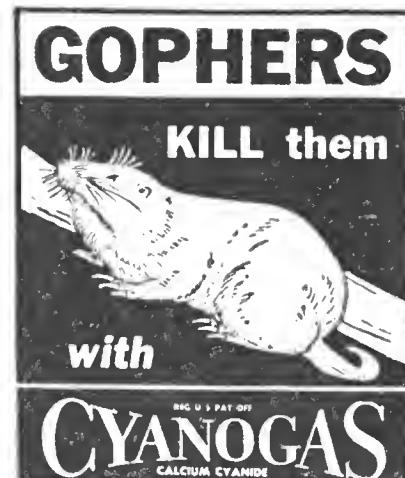
A-DUST

Size	Price
1 lb.	Gt. Falls \$.75
5 lbs.	\$ 2.50

Note: A-Dust is ground the finest and turns into the killing gas quickly.

GRANULAR

Size	Price
5 lbs.	Gt. Falls \$2.00
25 lbs.	\$ 6.00



Oats

X-L VICTORY

This variety is highly recommended by our State Experiment Station because of its consistently high yield performance on both dry and irrigated land. It is a heavy yielding variety of thin hulled, plump, white oats. Our seed weighs over 40 lbs. per bushel and is free of wild oats.

X-L SWEDISH SELECT

The straw is coarse, noted for its stiffness and power to withstand lodging. This variety originated in Sweden and has proven one of the most dependable varieties for the Northwest. Our stock for this year is exceptionally fine, well matured, plump, free of wild oats and of high germination.

SEED WHEAT

X-L MARQUIS

Grown and selected for us from pure stock and was produced from a pure, high yielding, early maturing strain. Chief characteristic is it is beardless, has good straw and fine milling qualities.

SPRING RYE

Sow 40 to 50 lbs. per acre. Spring rye should be sown more extensively. Can be grown on light and sandy soil; on land too poor for wheat, and does equally well on acid and non-acid soils. Produces a crop that can be relied upon regardless of drought, wet, cold or excessive heat conditions. Makes excellent hay when cut early, and if allowed to mature, produces one of the best fattening grains for hogs.

WINTER OR FALL RYE

Serves a very useful purpose for pasture and hay. May be sown in the spring and summer as well as in the fall. When Winter Rye is sown after frost it goes into the following season before maturing, thus making it a biennial.

Fall Rye planted in the spring on either dry or irrigated land for pasture purposes gives satisfactory results. Makes an early abundant pasture due to the stooling characteristics emphasized by the spring conditions.

BARLEY

Sow 50 to 70 lbs. per acre

X-L TREBI

A bearded six-rowed variety which has proven to be one of the highest yielders. Rapidly displacing all other varieties in the irrigated sections of Montana. An excellent performer under dry land conditions. Grain is large, plump, and white, with a very thin hull.

X-L HORN

A two-rowed variety which has proven to be the outstanding heavy yielder under dry land conditions. Grows taller and is a greater yielder than Hannchen.

X-L WHITE HULLESS AND BEARDLESS

Earlier than the bearded varieties and six-rowed. When grown for hay it should be cut before it is ripe while the straw is still green. One of the best hog fatteners we know of. It is a heavy yielder and can be given to the hogs in bundles and they will eat every kernel of it.

FAUST STRAIN BLUE HULLESS AND BEARDLESS

During the past five years this new type has proven itself to be the highest yielding of all hulless types. The feed value of this barley is the highest of all barley, and 35 to 40 bushel yields are very common.

REASONS FOR PLANTING MILLET ON EVERY FARM

1. For feeding stock, poultry, and everything of that kind, Proso is nearly the equal of wheat.
2. It fattens turkeys as well as corn.
3. One of the greatest egg producers of all grains, and a wonderful chick feed.
4. Especially valuable as a "catch" crop; something that can be planted very late and still mature a green or hay crop.
5. Many farmers use it to smother and get rid of noxious weeds because it is such a fast growing crop.
6. Remarkable results are obtained in fattening hogs and cattle with it.

MOST DROUGHT RESISTANT GRAIN

Proso has the lowest water requirement of any grain crop. At the government experiment station at Akron, Colorado, only about two-fifths as much water was required to produce a ton of Proso grain as was necessary to produce a ton of wheat.

Plant 20 lbs. per acre on dry land with a grain drill and harvest same way you do grain. By planting 30 lbs. per acre broadcast, tender hay of excellent quality can be produced.

Flax

X-L BISON

This variety has proven to be the most popular for several reasons. It is both wilt and rust resistant, large seeded and heavy yielding; very tall and bushy. Produces sturdy plants with stiff, strong, and generous root system. Able to withstand adverse weather conditions as well as attacks of insects.

Soybean



Valuable for silage, hay, "hogging off," and as soil improver. Require about the same treatment as corn and will grow on almost any kind of soil. DO NOT PLANT SOYBEAN TOO EARLY. About corn planting time is right. For hay it is valuable as an emergency crop where clover has been winter-killed. Equal to clover in feeding value. Soybeans may be planted in rows 30, 36 and 42 inches apart and cultivated, using about 40 lbs. per acre. For hay plant in 12-inch rows, using a grain drill and plugging up every other drill. Use 60 to 90 lbs. per acre.

X-L MANCHU

This variety takes the lead among soybeans for the middle west. It is outstanding for all purposes. Will fully mature under ordinary conditions and grows large enough to produce excellent yields of hay or a large crop of beans. An average crop will produce 20 to 25 bushels of beans per acre.

Early Amber Cane

It is the earliest strain grown. Very hardy and of fine quality. Early Amber Cane and fodder corn are often planted together and produce immense yields. We offer an improved strain which has been carefully bred for size, sugar content, and palatability. For fodder sow 50 or 60 lbs. broadcast, or 15 to 20 lbs. in drills. A few acres will insure a good roughage that will help milk production. May be put in pit silos.

Field Beans

X-L GREAT NORTHERN

This variety is especially adapted to Montana soil and climate conditions. Beans may be matured for feed or resale purposes, and the vines make excellent fodder. Sow 16 to 24 lbs. per acre.



Field Peas

X-L CANADIAN FIELD PEAS

Sow 60 to 75 lbs. per acre in drills; 100 to 120 lbs. broadcast. Few farmers know the value of field peas as a hay crop and fertilizer. They fit into crop rotation well and are better suited to conditions of the Northwest than any other annual legume for building up worn out soils. Field peas contains more digestible protein and fat than alfalfa and corn. A good pasture and hay mixture is 50 lbs. field peas and 50 lbs. oats.



Rape

Sow 2 to 3 lbs. per acre in drills; 5 lbs. broadcast. For quick pasture nothing equals Rape. Provides excellent pasture for all kinds of livestock, cattle, hogs, and sheep. Can be sown at any time during spring or summer so a good pasture can be had whenever it is needed. Rape will prepare sheep and hogs for market better and in less time than any other forage plant. It is a mild succulent feed for cattle and will not flavor the milk after cattle are pastured properly.

ADVANTAGES IN USING RAPE

1. Grows wherever corn or turnips grow.
2. Provides pasture in six to eight weeks time.
3. The best forage plant for dry seasons because of its strong tap root system.
4. Plant alone or with grain, Soybeans, Sudan Grass, or Cane.
5. Adds humus matter to the soil when plowed under.
6. Its cheapness Sow 2 to 3 lbs. per acre.

SUNFLOWER

Mammoth Russian

The production of Sunflower for ensilage and fodder is now advocated by many experiment stations. This is fairly profitable where the seasons are too short to grow other forage plants, sorghums, etc

We do recommend Sunflower as a highly important and profitable crop for poultry breeders and farmers, for fattening hens or producing eggs. Single flower heads measure 12 to 22 inches across, containing a large quantity of seed.

DOES YOUR SOIL NEED PHOSPHATE?

Most Montana soils do need phosphate. A soil survey reported in Bulletin No. 259 of the Montana State College Experiment Station shows 60.9 percent of Montana soils to be definitely deficient in AVAILABLE phosphate. In 1933 over 3,000 tons of Anaconda Phosphate was used by Montana farmers. Profitable cropping cannot be maintained over a period of years without replacing the plant-foods in the soil.

Try Anaconda Phosphate on your fields this year and SEE THE DIFFERENCE for yourself on your own fields.

For All Crops—Alfalfa, Grain, Orchards, Potatoes and all truck crops.

TREBLE SUPERPHOSPHATE

Forty-five per cent available. Use at the rate of one bag or 125 lbs. per acre broadcast or with a fertilizer attachment on the drill. **Per 125 lb. bag, \$3.25.**

Not sold in less than bag lots. Write for prices in larger lots, also free booklet.

THE TRIBUNE PRINTING CO.  GREAT FALLS, MONTANA

Graham & Ross FIELD SERVICE

It has always been a policy of this company to help our customers with their poultry and farming problems as much as possible. The panel truck shown in the accompanying photograph is a familiar sight on many farms where demonstrations in culling and practical poultry farming had been given. This truck is also used in making deliveries to stores in outlying towns, thus enabling you to purchase Diamond G Feeds and all poultry supplies from your own dealer.

**CONSULT US WHEN YOU NEED HELP
WITH ANY OF YOUR FARMING PROBLEMS**



LITENING

altitude balanced

GASOLINE

takes you

faster

farther

easier

It's tailor made and climatically controlled to give your car highest efficiency in this territory.

A full line of motor and tractor oils, fuels and lubricants.

Yale Oil Corporation

Distributed In
GREAT FALLS, MONTANA

By
GRAHAM AND ROSS MERCANTILE CO.

FIELD SEED PRICES

Subject to stock unsold and change without notice. All prices F. O. B. Great Falls. No charge for bags. If price has changed, orders will be filled for amount sent in.

	100 lbs.	50 lbs.	10 lbs.
ALFALFA:			
X-L Montana Common	\$39.00	\$19.75	\$ 4.10
Standard Common	37.00	18.75	3.80
X-L Affidavit Grimm	41.00	20.75	4.30
Registered Blue Tag Grimm	48.00	24.25	5.00
X-L Cossack	40.00	20.25	4.20
X-L Registered Ladak	1 lb., 75c; 5 lbs or more, 70c lb.		

	100 lbs.	50 lbs.	10 lbs.
CLOVERS:			
X-L Alpha	25.00	12.75	2.70
X-L Yellow Blossom	13.50	7.00	1.50
X-L White Blossom	12.50	6.75	1.40
X-L Alsike	38.00	19.25	4.00
X-L Medium Red	45.00	22.75	4.70
X-L White Dutch	40.00	20.25	5.00

	100 lbs.	50 lbs.	10 lbs.
GRASSES:			
X-L Crested Wheat	45.00	23.50	5.00
X-L Western Wheat or Blue Joint	22.00	11.50	2.50
X-L Western Rye or Slender Wheat	32.00	16.50	3.50
X-L Domestic Rye	15.00	8.00	1.80
X-L Brome	22.00	11.50	2.50
X-L Orchard	21.00	11.00	2.40
X-L Meadow Fescue	18.00	9.50	2.00
X-L Red Top	21.00	11.00	2.40
X-L Timothy	9.00	5.00	1.20
X-L Sudan	7.00	4.00	1.00
X-L Huntley Mixture	26.50	13.75	3.00

	Bu.	1/2 Bu.	10 Lbs.
SEED CORN: (Montana Grown)			
X-L Montawalth (Hybrid)	\$ 8.00	\$ 4.15	\$ 1.60
X-L Falconer	2.50	1.40	.60
X-L Northwestern Dent	3.00	1.65	.70
X-L Gehu (Yellow)	3.00	1.65	.70
X-L Pioneer White Dent	3.00	1.65	.70
X-L Minnesota 13	3.00	1.65	.70
X-L Yellow Elephant Fodder	3.00	1.65	.70
	100	50	10
	lbs.	lbs.	lbs.

	100 lbs.	1000 lbs.
MILLET:		
X-L German	\$ 5.50	\$ 3.00
X-L Siberian	5.50	3.00
X-L Early Fortune	5.00	2.75
X-L Hog or Brome	5.00	2.75
	100	1000
	lbs.	lbs.

	Lbs.	Lb. Lots
OATS:		
X-L Victory	\$ 2.10	\$ 2.00
X-L Swedish Select	2.10	2.00

	(Write for prices)
WHEAT:	
X-L Marquis	(Write for prices)

	2.25	2.15
BARLEY:		
X-L Trebi		
X-L Horn		(Write for prices)
X-L White Hulless	2.40	2.30
X-L Blue Hulless	2.50	2.40

	2.50	2.45
RYE:		
X-L Spring		
X-L Winter	2.40	....

	Per Bu.	
X-L Bison	\$ 2.60	

	100 lbs.	50 lbs.	10 lbs.
SOYBEAN:			
X-L Manchu	\$ 8.00	\$ 4.25	\$ 1.20

	7.50	4.00	1.00
CANE:			
X-L Early Amber			

	6.50	3.75	1.00
BEANS:			
X-L Great Northern			

	(Write for prices)
PEAS:	
Canadian Field	

	12.00	6.50	1.50
RAPE:			
X-L Dwarf Essex			

	12.00	6.50	1.50
SUNFLOWER:			
X-L Mammoth Russian			

FEED PRICES

All prices quoted are F. O. B. Great Falls, Mont., subject to market changes. Orders will be filled to the full value of remittance received.

	100 lbs.	50 lbs.	25 lbs.	10 lbs.
DIAMOND G:				
Chick Starting Mash with Panamin and Wheat Germ Oil	\$3.45	\$1.80	\$.95	\$.40
All Mash	3.35	1.75	.90	.40
Growing Mash with Panamin	....	....	....	....
Chick Scratch with Oatmeal	2.95	1.55	.80	.40
Pullet Scratch with Oatmeal	2.90	....	....	....
Egg Mash with Panamin	3.00	1.60	.90	.40
Yellow Tag with Cod Liver Oil and Yeast	2.75	1.45	.80	.35
Green Tag with Cod Liver Oil	2.55	1.35	.75	.35
More-Egg Egg Mash	2.25	1.20	.65	.35
Hen Scratch, No. 1, 7 Grains	2.20	1.20	.70	.40
Hen Scratch, No. 2, 4 Grains	2.10	1.15	.65	.35

	3.55	1.85	.95	.40
MISCO:				
Chick Starting Mash, Standard	3.55	1.85	.95	.40
Growing Mash
Blue Tag Egg Mash	3.05	1.60	.90	.40
Red Tag Egg Mash	2.85	1.50	.80

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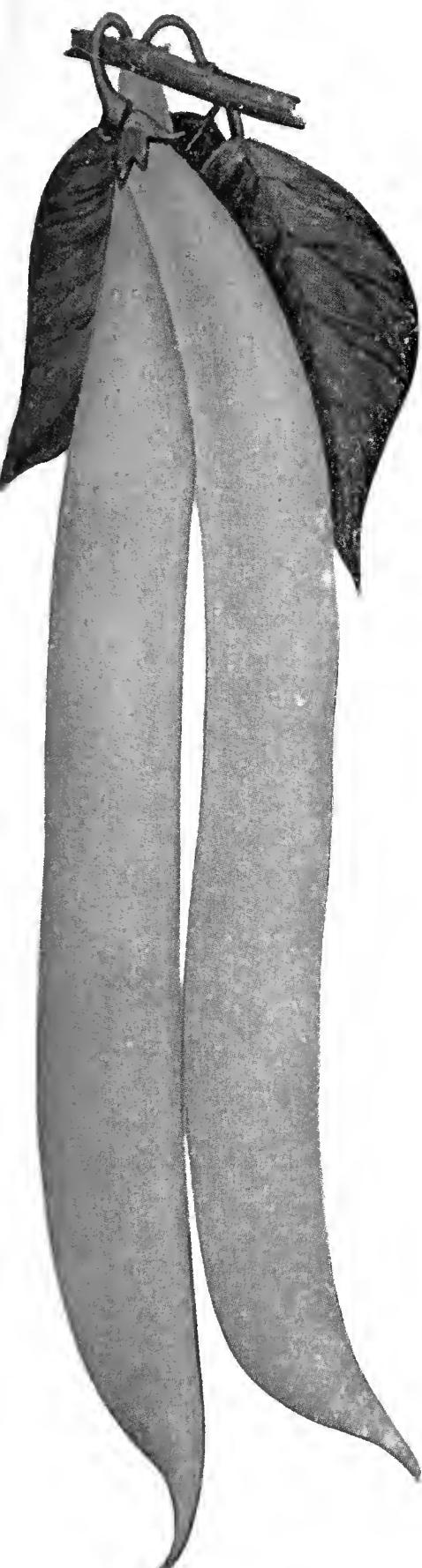
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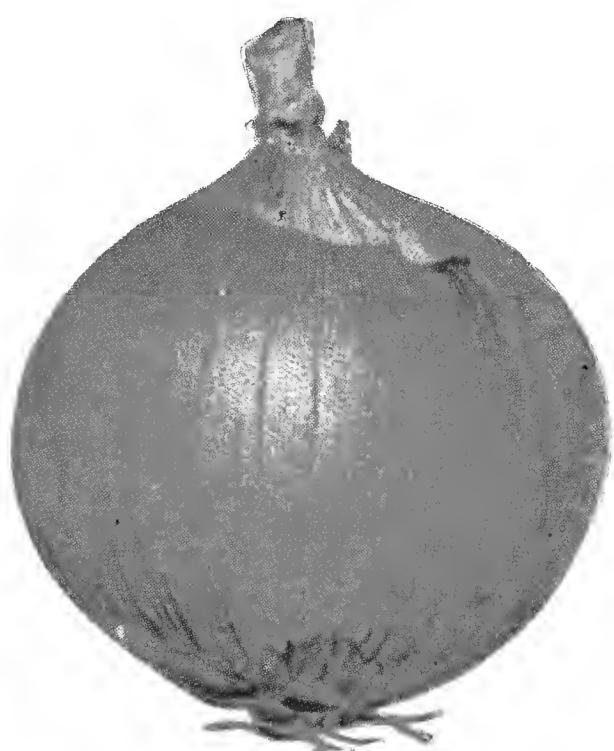
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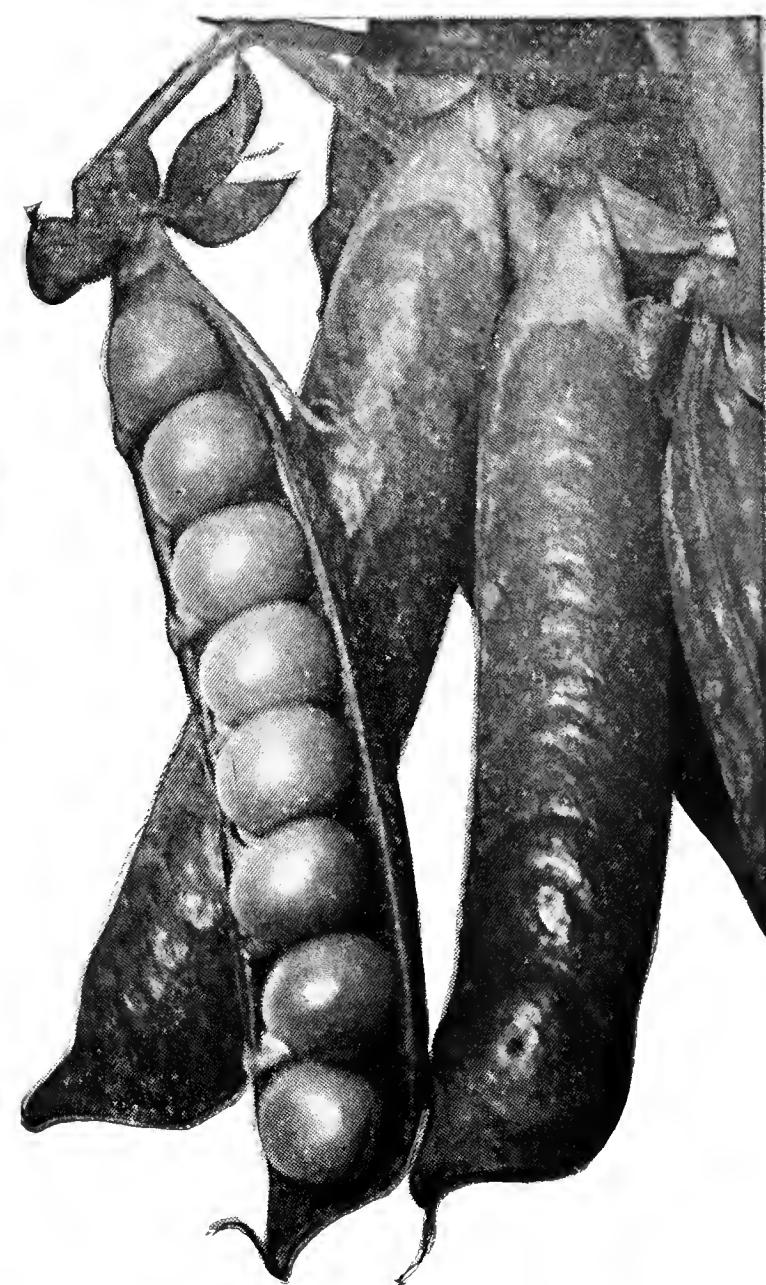
56—*Graham & Ross Special Cucumber*



154—*Extra Early Bison Tomato*

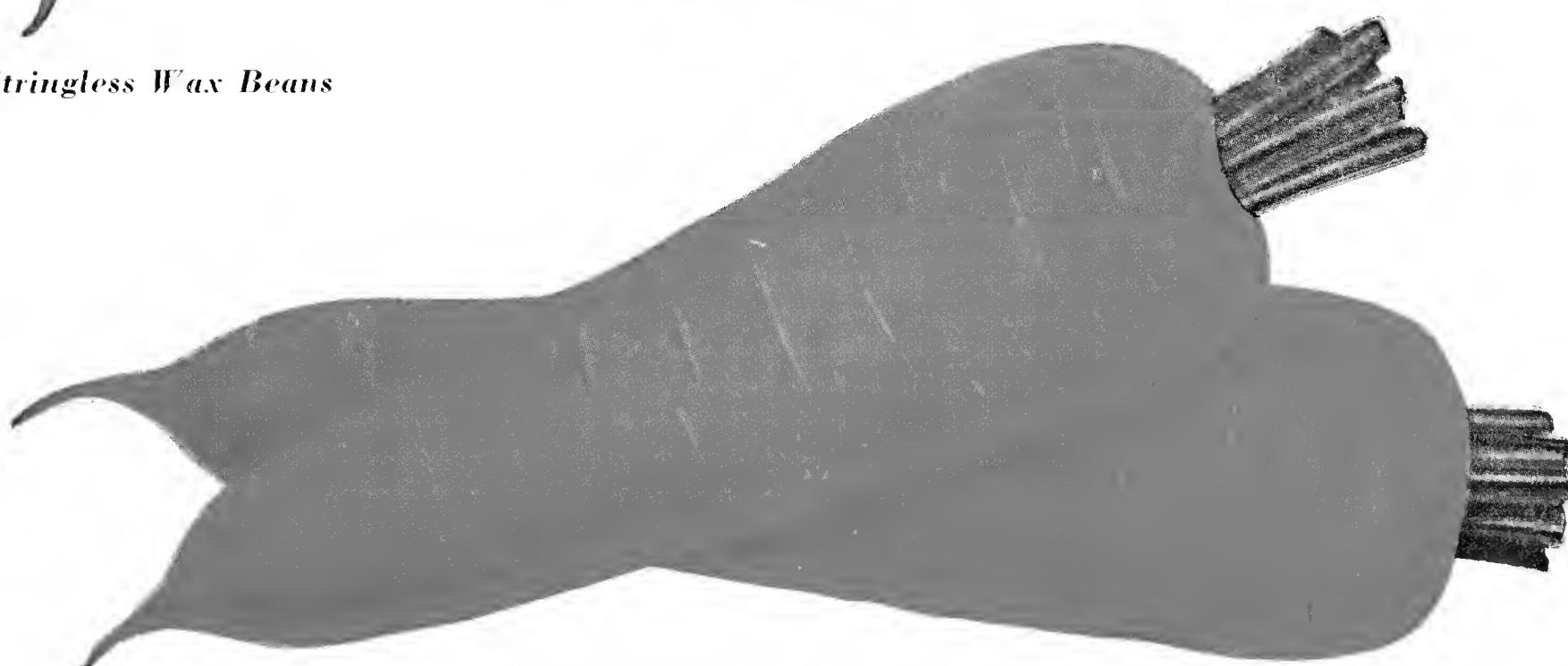


96—*X-L Mountain Danver Onion*



114—*Laxtonia Peas*

2—*X-L Stringless Wax Beans*



37—*X-L Improved Red Cored Chantenay Carrot*

1938 Novelties for Your Garden



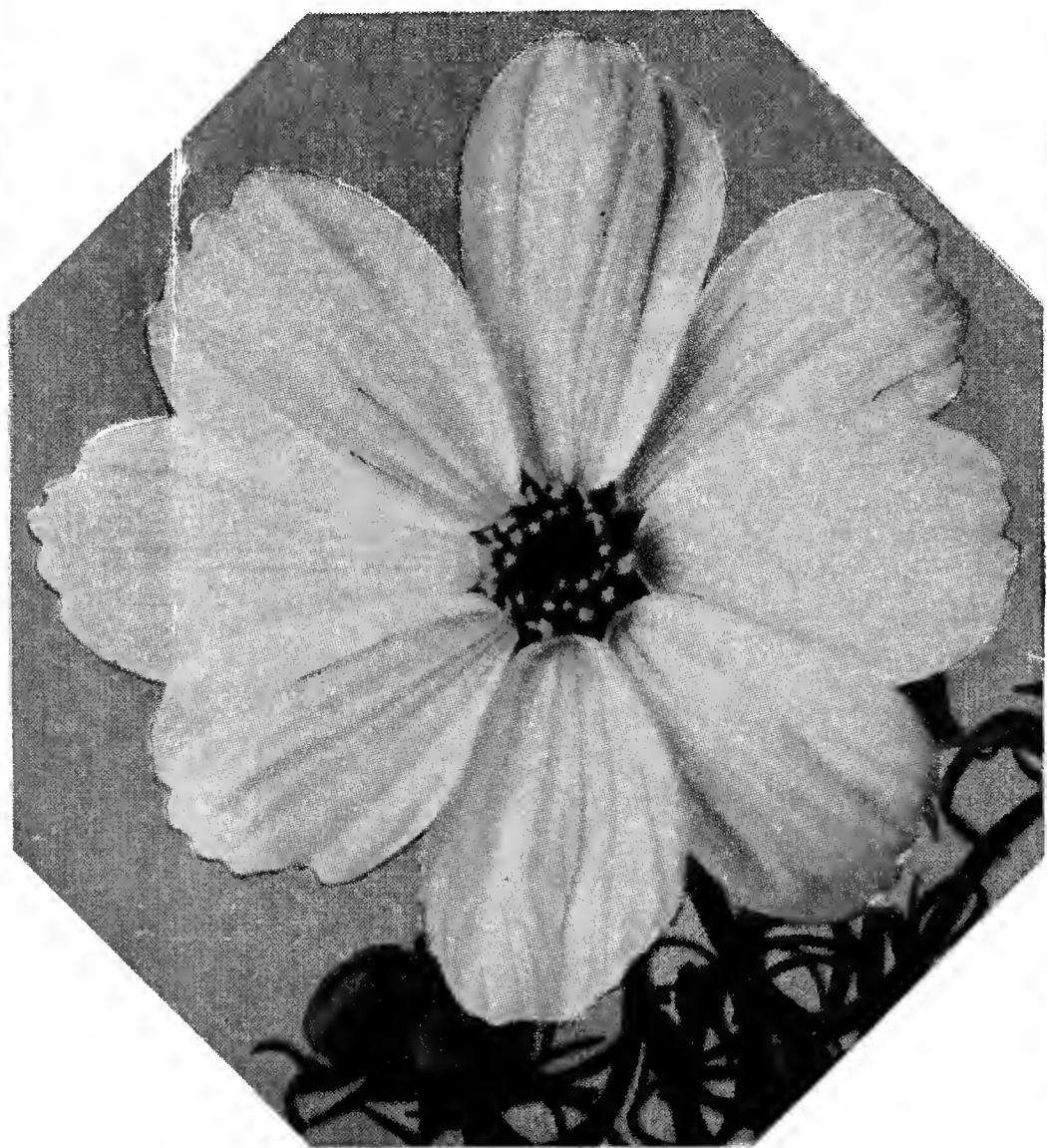
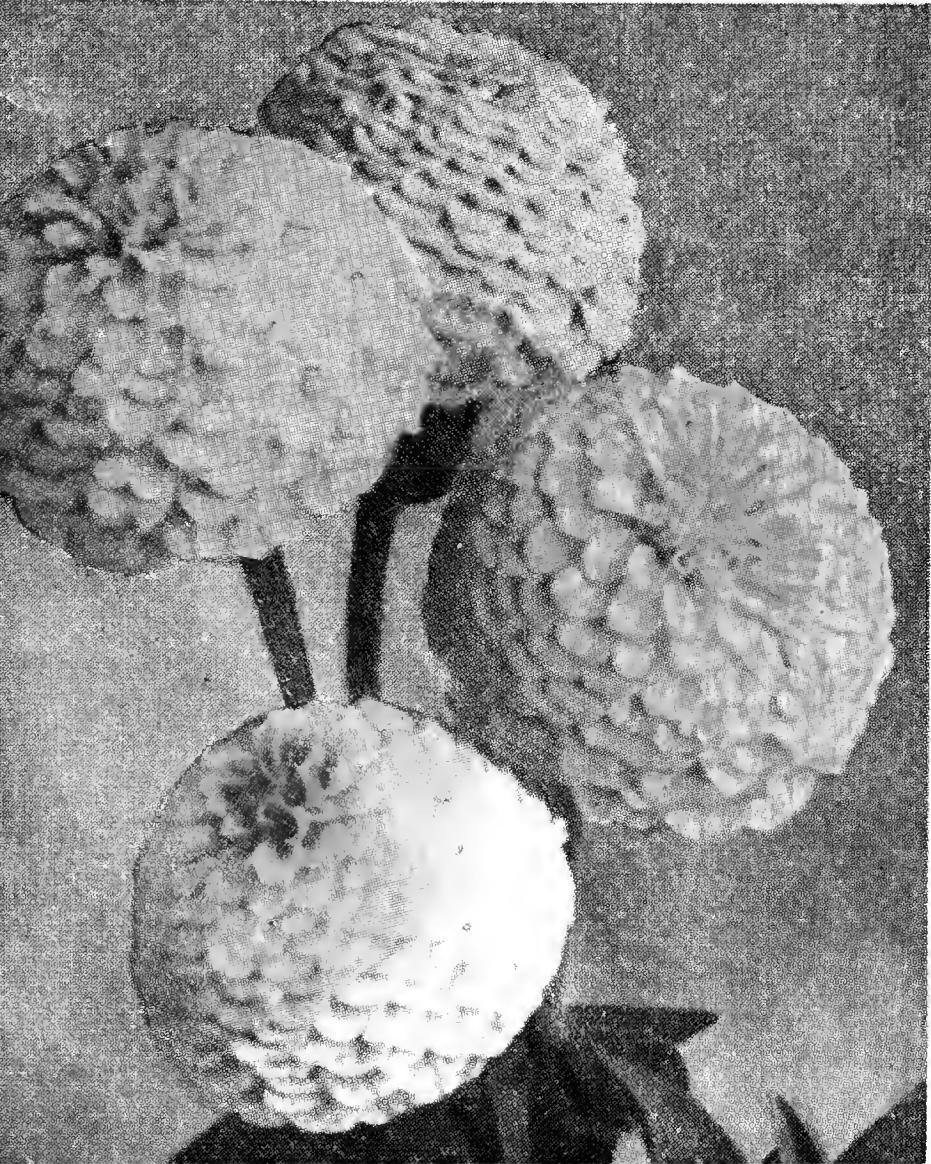
310—Marigold Gigantea—
Sunset Giants

SPECIAL COLLECTION

One Packet Each
of These Four
Gorgeous Flowers

85c

394—Zinnia Lilliput Pastel Mixture



261—Cosmos Sensation Pinkie

395—Zinnia Linearis

